Do it Quicker—and Better! with

TRUTH

HAND-FORGED

TOOLS

Catalog No. 40

1932

COWDEN TRUTH TOOLS

POST CARD

This Side for Address

PLACE

STAMP

HERE

TRUTH TOOL COMPANY

Mankato,

Minnesota

Post cards are placed in front and back of this book for your convenience in sending mail orders.

All shipments are by parcel post C. O. D. unless remittance in full accompanies order.

TRUTH TOOL CO., MANKATO, MINN.

Please fill my order for the following tools and ship at once parcel post C. O. D.

NAME OF TOOL	PRICE
TOTAL	

NAME

STREET

CITY STATE

Postage prepaid only when remittance in full accompanies order.

CATALOG NO. 40, 1932

DETACH HERE

PROMPT SERVICE

All orders shipped same day received.

Postage prepaid only when remittance in full accompanies the order.

GUARANTEE

TRUTH Tools are guaranteed to be free from defects in material or workmanship. They are built for the toughest use but are not guaranteed against normal wear. Defective tools will be replaced at no charge if mailed to factory.

Any unsatisfactory tool may be applied as full credit toward the purchase of other items in our line provided it is returned direct to the factory within sixty days from date of purchase.

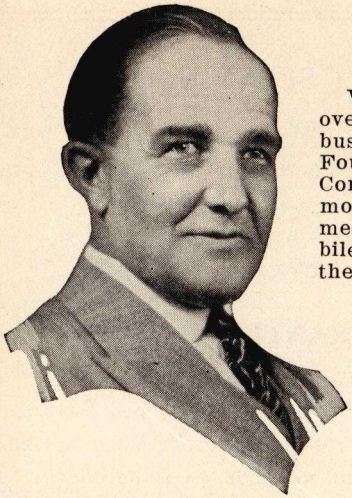
DO NOT HAND TOOLS TO SALESMEN

When you hand a tool to a salesman it passes through four hands—yours, the salesman's, "Uncle Sam's" and ours. There is a chance of loss not only of the tool alone but valuable time. A salesman may overlook mailing your broken tool the same day you give it to him and by the time he does get ready to mail it he may have lost the address.

Due to chances of loss and circumstances over which we have no control **we do not guarantee that you will receive adjustments** when you hand broken tools to a salesman. Good tools are valuable. Mail by insured parcel post to—

TRUTH TOOL COMPANY

Mankato, Minnesota.



A. E. COWDEN

President

Veteran toolmaker with over forty years in the business to his credit. Founder of the Truth Tool Company, Originator of more useful time-saving mechanics' tools for automobile work than any man in the business.

Dear Mr. Customer:

TRUTH service direct to the users of tools keeps designer, manufacturer and customer in closest possible contact.

Your problems are our problems—we are always on the alert to solve them.

As to just how well we have succeeded we point with pride to our thousands upon thousands of satisfied regular customers throughout the United States and in many foreign countries.

Our service is universal—not just to the thickly populated areas.

Supplying new creations in tools for new model cars is the backbone of TRUTH service.

When need for new special tools arise you are most apt to find them FIRST in the TRUTH line.

It is a pleasure to serve you.

A. E. Cowden

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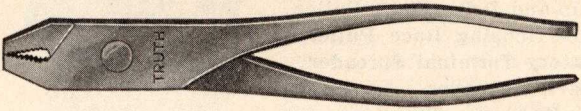
TRUTH TOOL COMPANY

MANKATO MINNESOTA

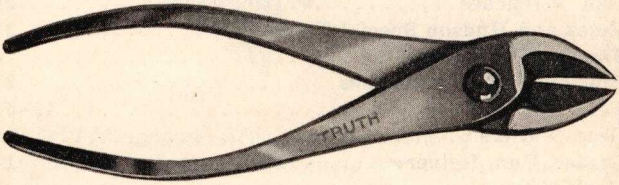
TRUTH BATTERY PLIERS



Acknowledged to be the finest battery plier ever made. No matter how corroded the nut the extra length leverage of this tool gives you a sure grip.

Price **$1.50**

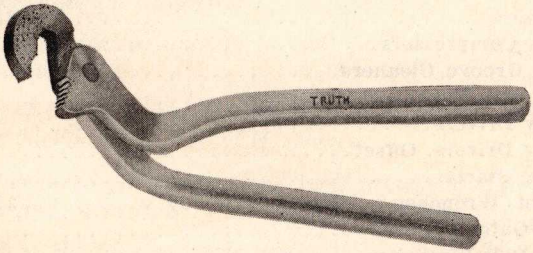
COTTER KEY PLIERS



These diagonal pliers are shop favorites everywhere. They are drawn to a fine edge and their great leverage is an asset.

Size	Price
6″	**$1.65**
8″	**1.90**

PONTIAC-OAKLAND BRAKE PLIERS



This little tool is so designed that it handles the adjusting nut through the inspection plate on all Midland Steeldraulic mechanical T-section brakes.

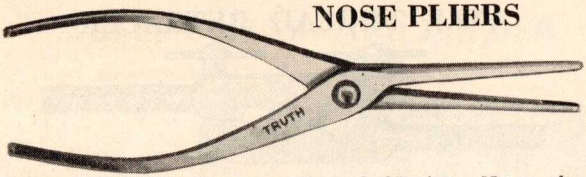
Price **$1.65**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

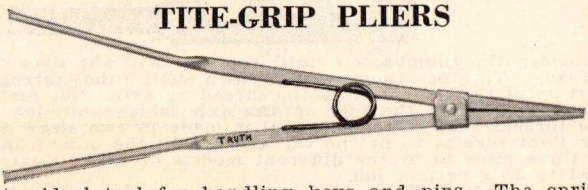
NOSE PLIERS



Long, slim nose, with a groove to hold pins. No mechanic should be without a good nose plier.

Size	Price
6″, with Square Hole	$1.75

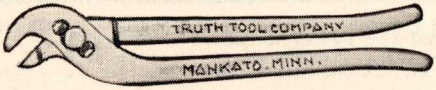
TITE-GRIP PLIERS



An ideal tool for handling keys and pins. The spring enables the tool to grip the key or pin so that it will still be in position in the tool, even though you may be required to lay it on your bench.

Price $0.95

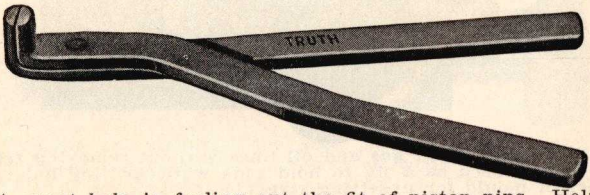
MULTI-GRIP PLIER



This little plier, 4½″ in length, replaces seven or eight individual tools in ignition and electric work. Almost a complete ignition wrench set in one tool.

Price $0.90

PISTON PIN PLIER



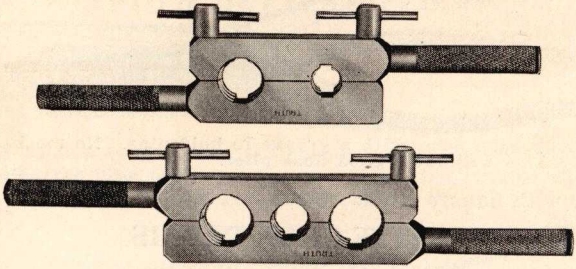
A great help in feeling out the fit of piston pins. Helps to remove sticky pins when taking out connecting rods from bottom without removing motor head.

Price $1.50

TRUTH TOOL COMPANY

MANKATO MINNESOTA

AXLE THREAD RETRACER



Loosen the thumbscrew until the tool will slip over the thread. Tighten thumbscrew down until the threaded portion of the tool fits into the thread on axle. Use plenty of oil and screw the tool off the axle which will line up the threads perfectly. This tool is made in two sizes: one for Ford service to fit the car and truck; the other comes in three sizes to fit the different models of cars. Guaranteed to do a perfect job.

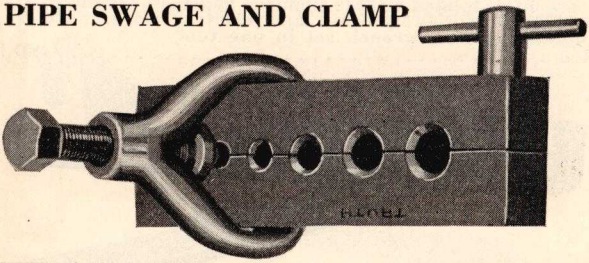
2 Hole—5/8", 7/8" **$3.00**
3 Hole—3/4", 1 1/8", 1" **3.50**
Per Set **6.00**

NU-TRIX THREAD RESTORER

Nu-Trix is made to overlap several threads. A few strokes and the battered thread is as good as new. Eight U.S.S. and S.A.E. thread sizes on each tool: 11, 12, 13, 14, 16, 18, 20 and 24 threads to the inch.

Price **$1.65**

PIPE SWAGE AND CLAMP

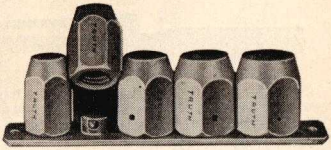


Will properly fit gas and oil lines without removing from the car. Used as a jig to hold rods while drilling holes; a perfect mould for upsetting rivets.

Size	Price
Price, as Illustrated	**$2.50**
Price, Clamp Only	**.75**

WHEEL PULLERS AND HOLDER

A first quality knock-off type wheel puller that is hardened all over to resist the abuse tools of this kind receive. Tack the holder on the wall or in your tool chest. Keeps you from losing them.



No.	Size	Price	No.	Size	Price
1	5/8"	$0.55	4	1 "	$0.85
2	3/4"	.65	5	1 1/8"	.95
3	7/8"	.75	Holder		1.00

Set of Five in Box 3.45

Set, Complete with Holder 4.45

TRUCK WHEEL PULLERS

No. 6. 1 1/4" S.A.E. (12 threads per inch) $1.75

No. 7. 1 1/4" U.S.S. (7 threads per inch) 1.75

SPECIAL ESSEX WHEEL PULLER

Same type as pullers illustrated above. Size 7/8", 18 threads per inch.

Price $1.00

BRASS HAMMER

Weighs one pound. Has steel handle. Heads may be purchased separately and screwed on when one batters up.

For a larger hammer see page 58.

Price $1.25

Hammer Alone, without Handle ..... .90

TRUTH TOOL COMPANY

MANKATO MINNESOTA

HACK SAWS AND BLADES

Small saws such as the one shown above have become very popular for general garage work. First designed and originated by Truth—they are to be found in nearly every shop.

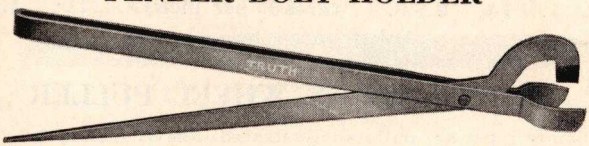
Hack Saws, Complete

Type	Over-all Length	Blade Length	Height, Edge Over Frame	Price
Large Size.....	16″	10″	1 ″	$1.25
Midget Size.....	10″	6″	½″	1.00

Hack Saw Blades

Quantity	Size	Price	Quantity	Size	Price
½ Doz.	10″	$0.50	1 Gross	10″	$9.00
1 Doz.	10″	.80	½ Doz.	6″	.40
½ Gross	10″	4.75	1 Doz.	6″	.75

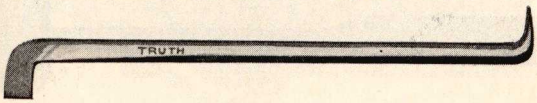
FENDER BOLT HOLDER



Designed to take the place of a screw driver, to hold the bolts from turning while removing the burr. A very useful and practical tool for removing fender bolts; made from the highest grade tool steel and guaranteed to do the job.

Price $1.50

OFFSET SCREW DRIVERS



Stock Size	Length	Price, Unpolished	Price, Plated
5/16″	6 ¼″	$0.60	$0.70
⅜″	6 ¼″	.65	.75
½″	7 ¾″	.85	1.00

 Truth service can be had at nearest mail box.

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

TRUTH "FLEXLITE" SCREW DRIVERS

NON-SHOCK!

Tough, Twist-Proof Blades; Handles of Shock-Proof Unbreakable Material. The Inevitable Choice of Every Mechanic Who Puts Quality First.

IT PAYS TO USE GOOD SCREW DRIVERS

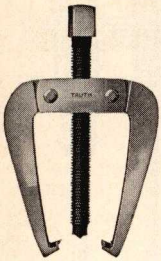
Truth "Flexlite" Screw Drivers are a source of pride to every mechanic who owns one. Screw drivers may be purchased at any price, but for those who put quality first we offer the above. Blades are made from special gear steel, carefully tempered, leaving them tough, springy and twist-proof. You may pound the handles with the heaviest hammer still they will not break, and best of all, they are shock-proof and so guaranteed. Transparent amber colored handles combine real tool beauty with genuine usefulness. Lengths are over-all.

	Price		Price
Bull Dog	**$1.00**	14″—¼″ Stock (Bendix)	**$1.30**
Lamp Socket	**.65**	14″—$\frac{5}{16}$″ Stock (Heavy Duty)	**1.45**
7″—$\frac{3}{16}$″ Stock	**.70**	SET OF 8 SIZES	**7.55**
8″—¼″ Stock	**.80**		
9″—$\frac{3}{16}$″ Stock	**.75**		
10″—¼″ Stock	**1.00**		

SPECIAL SIZES

	Price
18″—Heavy Duty	**$2.35**
6½″—¼″ Stock	**.75**
16″—$\frac{5}{16}$″ Stock	**1.65**

TRUTH BABY GEAR PULLER



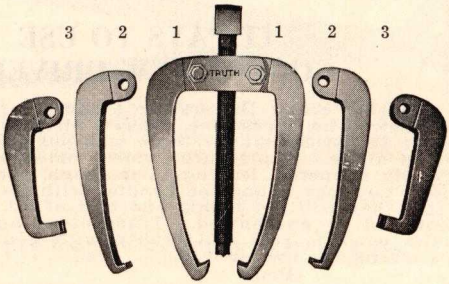
Truth gear pullers are made from high grade tool steel throughout. These pullers are small yet extremely tough and durable. The screw in larger puller illustrated below is ½″ in diameter, is 8½″ long, has 18 threads per inch; tempered by our own special method. These screws are very tough and threads cannot be stripped. May be purchased with one or more sets of jaws.

Price $3.60

Screw 1.00

TRUTH LARGE GEAR PULLER

Interchangeable Jaws



May be purchased with one or more sets of jaws.

With One Set of Jaws ..... $ 7.00

With Two Sets of Jaws 9.00

With Three Sets of Jaws 11.00

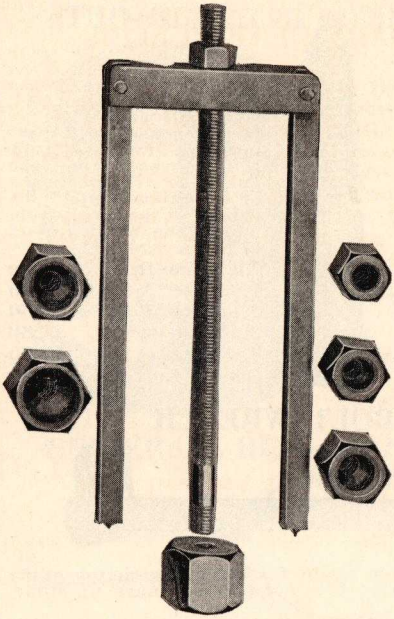
Jaws in Pairs 2.50

Screw 1.50

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA



DRIVE SHAFT AND AXLE PULLER

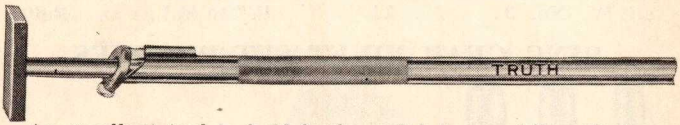
A perfect tool for pulling drive shafts and axles on most any auto, also practically all threaded cam shafts. Has six interchangeable burrs, sizes ⅝", ¾", ⅞", 1", 1⅛" and 1¼". A great time and labor saver.

Set with	Price
Any 4 burrs	$4.75
All 6 burrs	5.50

Extra Burrs

Sizes ⅝", ¾", ⅞" and 1". Ea.	$0.50
Size 1⅛". Ea.	.60
Size 1¼". Ea.	.70

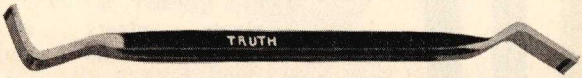
BRAKE PEDAL DEPRESSOR



An excellent tool to hold brake pedal down while adjusting brakes, washing car, etc. Can be used to hold up oil pans while being tightened in place. Positive lock in any position.

Price—Length, closed, 15"; length, open, 28" $2.50

BENDIX BRAKE TOOL

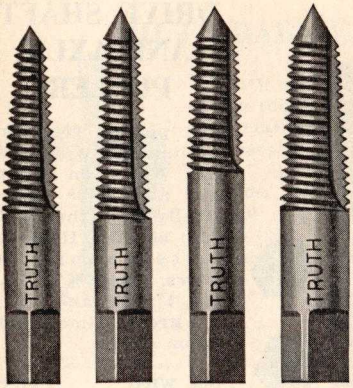


An ideal tool for making adjustment on all Bendix brakes similar to those used on Hudson, Essex and Studebaker cars.

Price $0.95

TRUTH TOOL COMPANY

MANKATO MINNESOTA

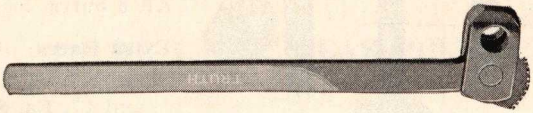


SURE-OUTS

Sure-Outs will give entire satisfaction when used with oil and the correct drill size used. The drill should be as large as stud will permit yet not so large that threads on the Sure-Out are in danger of locking into the thread in the block from which the broken stud is being removed.

No.	Use Drill	Price
1.	Size $\frac{5}{32}$"	$0.50
2.	Size $\frac{3}{16}$"	.50
3.	Size $\frac{1}{4}$"	.50
4.	Size $\frac{11}{32}$"	.50
Set of four		2.00

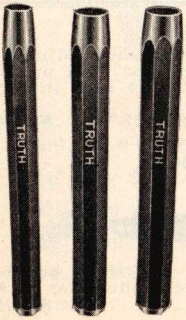
STUD BOLT WRENCH



The finest wrench ever made for removing motor studs of all sizes. Positive grip; does not slip nor mark up studs. Two sizes.

Name	Length	Capacity	Price
S.B.W. No. 1	11"	$\frac{1}{8}$" to $\frac{1}{2}$"	$1.75
S.B.W. No. 2	11"	$\frac{1}{8}$" to $\frac{5}{8}$"	2.00

RING GEAR RIVET SET PUNCHES



These set punches are made in three sizes. Each is 7" in length, the $\frac{5}{16}$" size is of $\frac{5}{8}$" octagon tool steel and the two larger tools are made of $\frac{3}{4}$" octagon tool steel. Made sturdy to stand the abuse of a tough job.

	For $\frac{5}{16}$" rivets	For $\frac{3}{8}$" rivets	For $\frac{7}{16}$" rivets
Prices	$0.70	$0.80	$0.80
Set of three sizes			2.25

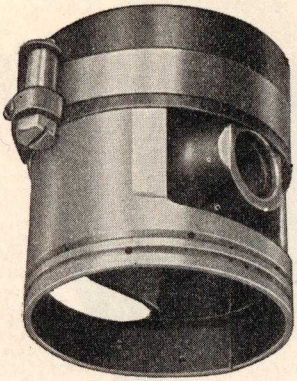
 All prices subject to change without notice.

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

D & H RING COMPRESSOR

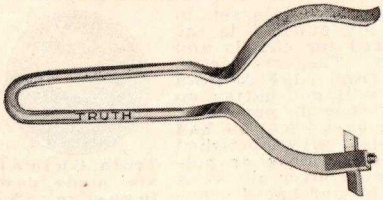


The D & H Ring Compressor may be used when inserting pistons either from top or bottom. Made in two sizes. Number 1 handles pistons from 2½" to 4½". No. 2 size fits pistons 4" to 7".

No. 1 D & H Ring Compressor **$1.65**

No. 2 D & H Ring Compressor **2.65**

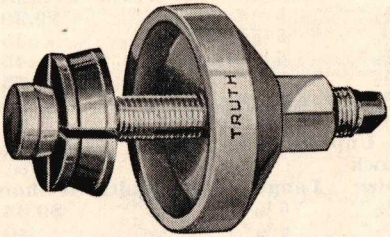
UNIVERSAL RING GROOVE CLEANER



This tool contains one bit that has a size on each end, namely, ⅛" and 3/16". The bit may be removed for sharpening and can be adjusted for different size pistons.

Price, as shown..... **$1.50**

AXLE HOUSING RACE PULLER



The Axle Housing Race Puller pulls the races from rear axle housing when ball bearings have broken, leaving outer race sticking in housing. Used on Chrysler, Plymouth, Dodge and many other cars.

Price **$4.95**

All prices quoted are net to the trade.

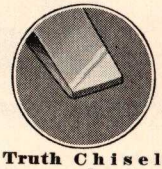
TRUTH TOOL COMPANY

MANKATO MINNESOTA

$5.55

TRUTH CHISEL AND PUNCH SET

The price of $5.55 for a complete set, in kits of six chisels and six punches is the best purchase ever offered for chisels and punches of Truth quality. They are forged by hand and tempered from edge to head throughout. The head will not batter up as do cheaper tools, yet they do not crack off to endanger hands or eyes. May be had in beautiful black finish with polished blades and taper as shown above or polished and cadmium plated over-all at a higher price. Sets may be purchased separately as can single sizes.



Truth Chisels are made down to an edge. They cut.

Chisel Set, Unpolished . . . . . $2.85 Plated $3.50

No.	Stock Size	Length	Bit Width	Price as Shown	Price, Plated
1	1/4"	5"	5/16"	$0.30	$0.55
2	5/16"	5 1/2"	3/8"	.35	.60
3	3/8"	6 1/4"	1/2"	.45	.70
4	1/2"	7"	5/8"	.55	.80
5	5/8"	7 3/4"	3/4"	.65	.90
6	3/4"	8 1/4"	7/8"	.75	1.00

Punch Set, Unpolished . . . . . $3.00 Plated $3.50

No.	Stock Size	Length	Point Width	Price as Shown	Price, Plated
1	1/4"	6 1/8"	3/32"	$0.35	$0.45
2	5/16"	6 7/8"	1/8"	.40	.50
3	3/8"	7 5/8"	3/16"	.50	.60
4	1/2"	8 3/4"	7/32"	.60	.70
5	5/8"	9 1/2"	1/4"	.70	.80
6	3/4"	10 1/4"	5/16"	.80	.90

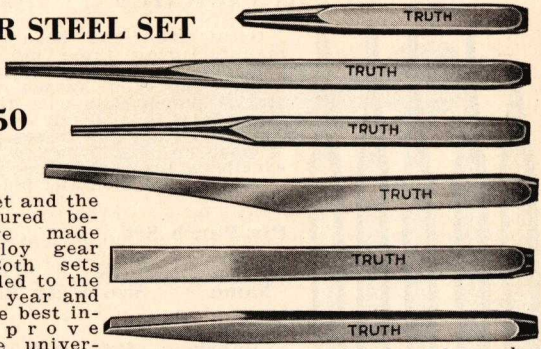
 Our guarantee protects your investment.

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

GEAR STEEL SET



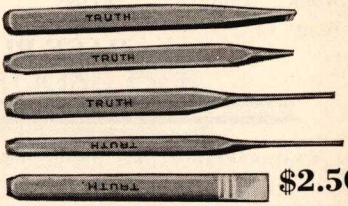
$3.50

This set and the set pictured below are made from alloy gear steel. Both sets were added to the line last year and sales, the best indicator, prove they are universally liked. Outside of regular sizes in chisels and punches mechanics all need special items such as are included in this set. Polished and plated over-all.

Gear Steel Set **$3.50**

Name	Stock Size		Length	Price
Center Punch	½"	Flat	4½"	$0.50
Taper Punch	½"	Flat	7½"	.65
Pin Punch	½"	Flat	7 "	.65
Key Drift	½"	Flat	7½"	.65
Flat Chisel	½"	Flat	6½"	.65
Cape Chisel	½"	Flat	6¼"	.65

MIDGET GEAR STEEL SET



This is a small pocket size kit of very handy short tools. Although not large they are very strong and are indispensable for generator and other small work. Polished and plated over-all.

$2.50

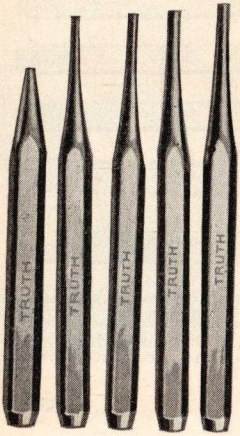
Gear Steel Midget Set **$2.50**

Name	Stock Size		Length	Price
Cold Chisel	½"	Flat	4½"	$0.50
1/16" Pin Punch	⅜"	Flat	5¼"	.50
3/32" Pin Punch	⅜"	Flat	5⅛"	.50
Starter Punch	½"	Flat	4¾"	.50
3/16" Cape Chisel	⅜"	Flat	4¾"	.50

TRUTH TOOL COMPANY

MANKATO MINNESOTA

PIN PUNCHES



Great care has been taken in manufacturing these pin punches. Pin punches are generally put to abusive use on frozen pins. A starter punch goes with the set; it is made with a short, quick taper. This will start any frozen pin up to ¼ inch in size. Starter punch is excellent insurance for your pin punches. Polished and plated overall.

Pin Punch Set $2.50

Name	Stock Size	L'gth	Point Size	Price
Starter Punch . . .	⅜″	4¾″	3/32″	$0.50
Pin Punch . .	⅜″	5½″	3/16″	.50
Pin Punch . .	5/16″	5½″	3/32″	.50
Pin Punch . .	5/16″	5½″	⅛″	.50
Pin Punch . .	5/16″	5½″	5/32″	.50

ASSEMBLING PUNCHES

A long, strong, pointed punch for lining up holes, etc. Polished taper.

Size Stock	Length	Price	Size Stock	Length	Price
½″	10″	$1.00	⅝″	14″	$1.25

RACE PUNCH

Made especially for removing Timken races from front wheels.

⅝″ Stock, 10½″ Long $1.00

Extra Length Punches

Sizes	Unpolished
¾″x10″	$0.90
¾″x12″	1.25
¾″x16″	1.65
¾″x20″	1.90
¾″x24″	2.25

Extra Length Cold Chisels

Sizes	Unpolished
¾″x10″	$0.90
¾″x12″	1.25
¾″x16″	1.65
¾″x20″	1.90
¾″x24″	2.25

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

TRUTH GREASE GUN HELPER

Screw this little tool into the end of the shackle bolt, remove the plunger and fill with oil. Replace the plunger and strike with a sharp blow of the hammer. Any obstruction, regardless of how tight, is removed instantly.

Price **$1.25**

BEARING SCRAPER

Price **$0.85**

BATTERY TERMINAL SPREADER

Drive tool down, straddle battery terminal bolt, then press to one side and the most obstinate terminal can be taken off.

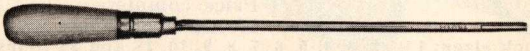
Price—½" Stock, 7¾" Long **$0.70**

PUMP PACKING PICK

A handy little tool steel pick for removing pump packing.

Price—¼" Stock, 8¼" Long **$0.55**

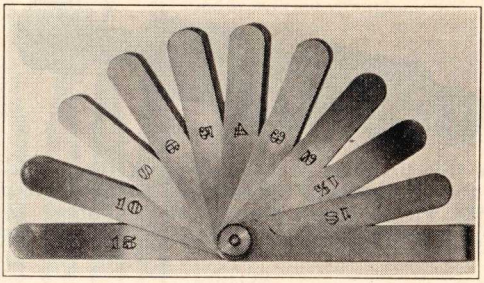
SCREW STARTER



Price **$0.75**

Truth salesmen call to give service.

THICKNESS GAUGE



This thickness gauge has ten blades, 3½" long, ranging in sizes as follows: 1½, 2, 3, 4, 5, 6, 8, 10, 12 and 15. The thumb screw assures a rigid blade when adjusting tappets.

Price **$0.95**

Extra Blades. Each ..... **.15**

9 INCH FEELER GAUGE

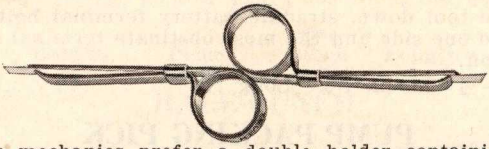
Ideal for Pistons

Eight blades, 2, 3, 4, 5, 6, 8, 10 and 15.

Price **$1.35**

Extra Blades. Each ..... **.20**

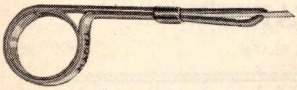
DOUBLE THICKNESS GAUGE HOLDERS



Many mechanics prefer a double holder containing the two sizes of feeler gauge stock that they use the most. This holder can be had with any of the various size stock listed below.

Double holder complete with two coils of any size stock (each coil 2 feet) **$1.50.** Holder only **$0.80**

SINGLE THICKNESS GAUGE HOLDERS



Each holds 2 feet of any desired size of feeler gauge stock. Swedish gauge steel, guaranteed accurate.

Price complete **$0.75**

Holders only ..... **.40**

Stock sizes: 1½, 2, 3, 4, 5, 6, 7, 8, 9, 10, 18 and 25 thousands. 18 and 25 thousands stock cannot be placed in coils.

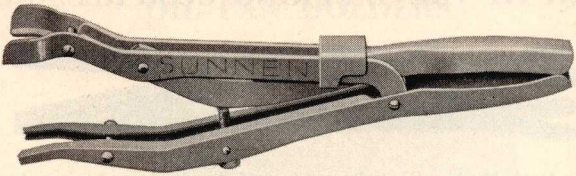
Price, 2 feet of any of above sizes **$0.50**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

SUNNEN HEAVY DUTY VALVE LIFTER



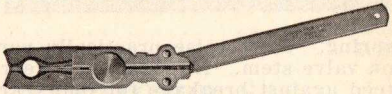
A—The Sunnen Heavy Duty Valve Lifter was designed primarily for late motors with every heavy springs and works better on small motors than the average small valve lifter. It works exceptionally well on Continental motors where block casting hides valve assembly and on motors requiring extra high lift.

B—

1. Twice as strong as the average lifter of this type. More leverage.
2. Longer so handles will extend out beyond manifold.
3. Jaws raise practically parallel. Will not wedge spring on valve stem.
4. Fully adjustable to work on all motors (including Continental).
5. Very narrow and compact. Lots of room to remove locks.
6. Locks at any height—no ratchet to wear out or slip.
7. Extra height adjustment gives you an extra inch of lift.
8. Guaranteed for one year against breakage.

Price **$2.25**

SUNNEN SPLIT LOCK REPLACER



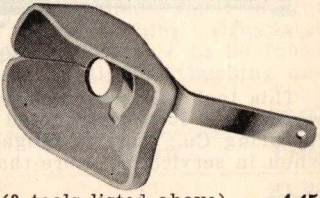
Can be easily loaded. Jaws open automatically when pushed against valve stem and also open automatically when the replacer is pulled out.

Each of the locks is held separately and independently in each jaw and stays there until the valve retaining washer pushes the replacer down off the locks.

NOTE: In case the locks cannot be nested properly on valve stem, the replacer can be withdrawn and locks will remain firmly in each jaw.

Price **$1.50**

SUNNEN SPLIT LOCK CATCHER



1. Will work on all valves on any motor regardless of space or obstructions because it is flexible.
2. Can be inserted and removed very easily. Locks remain in catcher.
3. Made of grease-proof rubber with steel handle and bottom.

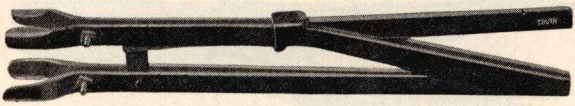
Price **$0.70**

Price SUNNEN LIFTER SET (3 tools listed above).... **4.45**

TRUTH TOOL COMPANY

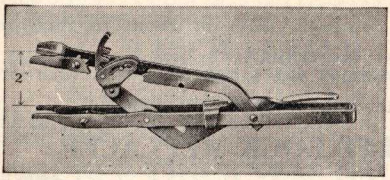
MANKATO MINNESOTA

TRUTH VALVE SPRING COMPRESSORS



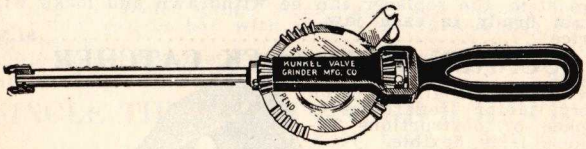
A tool that will take out and replace valve springs. Sharp jaws slip into spring coils to compress them. Lift spring up, remove locks and take out springs. To install springs reverse the above. Very fine to replace strong springs. Adjustable jaws. Price.....**$1.95**

SUNNEN VALVE LIFTER



Locks positively **at any height** from 1¾″ to 2⅜″ with 3-step adjustment for convenience in operating on different types of motors. Requires less room to operate. Powerful leverage. Jaws adjustable to any size spring. Jaws raise practically parallel; will not wedge on valve stem. No ratchet to wear out or slip. Guaranteed against breakage for one year. Price.....**$1.85**

KUNKEL VALVE GRINDER



This tool will return its cost many times before it is worn out. It is guaranteed only by the Kunkel Manufacturing Co., Hart, Michigan, and will not be replaced when in service for more than twelve months.

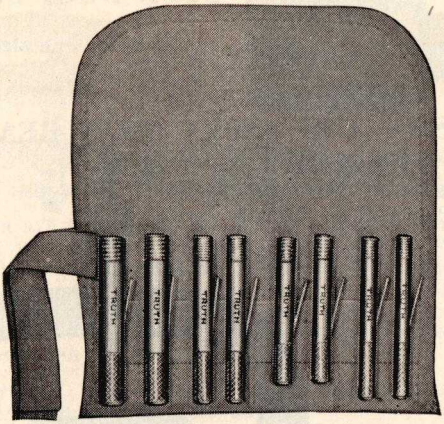
Price **$3.25**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

OIL PAN HOLDERS

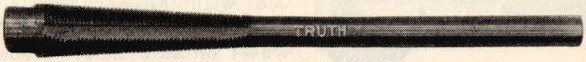


Screw one of these holders on either side of upper crank case. Slip pan into position. A real timesaver. Sold in pairs.

¼″ U.S.S., $\frac{5}{16}$″ S.A.E., $\frac{5}{16}$″ U.S.S., ⅜″ U.S.S.

Set of two holders **$0.40**
Set of eight holders **1.60**
Set of eight holders in kit **1.75**

BUSHING EXTRACTOR SET



A pair of the best tools ever made for removing various sizes of brass and bronze bushing. Originated by Truth many years ago—they are now to be found in nearly every shop. Screw tightly into bushing and drive out.

Bushing Extractor Set **$3.25**

No.	Capacity	Length	Price
BU-EX 1	½″ to $\frac{11}{16}$″	9″	**$1.25**
BU-EX 2	$\frac{41}{64}$″ to 1⅛″	12″	**2.00**

TRUTH TOOL COMPANY

MANKATO MINNESOTA

HUDSON AND ESSEX MAIN BEARING STUD BOLT SETTER

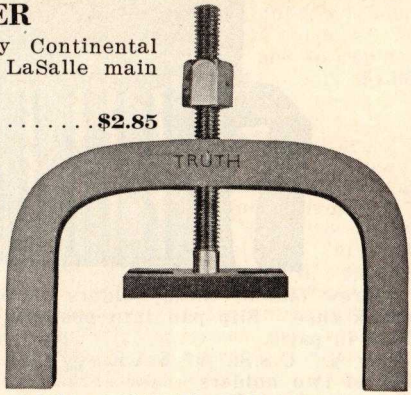
Made in one size, ⅜".

Price, each **$0.75**

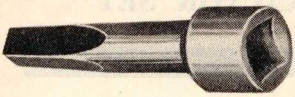
HUDSON AND ESSEX MAIN BEARING PULLER

Also handles any Continental Motor, Packard or LaSalle main bearings.

Price **$2.85**



HUDSON AND ESSEX DRAIN PLUG WRENCH

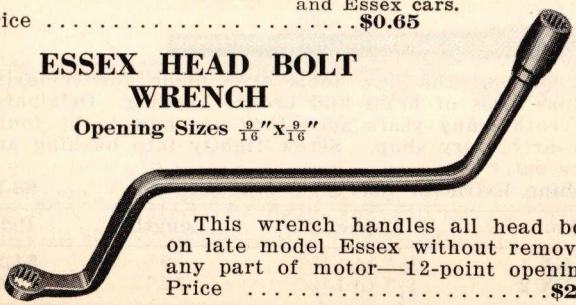


This drain plug wrench with ½" handle opening for use with ratchet handle is used to remove and replace oil plug in front side of fly wheel on late model Hudson and Essex cars.

Price **$0.65**

ESSEX HEAD BOLT WRENCH

Opening Sizes $\frac{9}{16}$"x$\frac{9}{16}$"

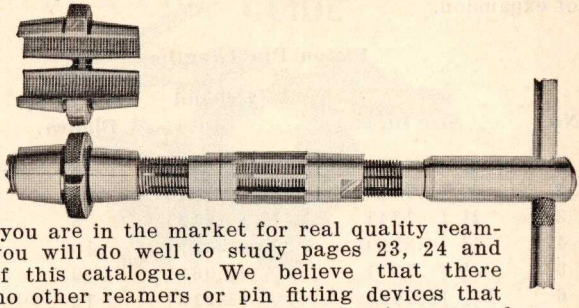


This wrench handles all head bolts on late model Essex without removing any part of motor—12-point openings.

Price **$2.25**

 All prices subject to change without notice.

AABS PERFECT EXPANSION REAMERS



If you are in the market for real quality reamers you will do well to study pages 23, 24 and 25 of this catalogue. We believe that there are no other reamers or pin fitting devices that will do so good a job, for so long a time at as low an upkeep cost. Briefly, here are reasons to back up the statements made above:

1. Body and blades made from highest quality alloy steel; blades hold their edges.
2. Aabs reamers have an average expansion of one-eighth inch; fewer reamers for more jobs.
3. Aabs reamer blades are short and they number more than any other reamer; blades do not twist; cut evenly over oil grooves, etc.
4. No two blades are the same distance apart; smooth hole, no chatter.
5. Split, threaded collar brings both holes in perfect alignment and gives you a machine feed which is an **exclusive** Aabs reamer feature.
6. When blades wear out new blades are installed at twenty-five cents apiece and your reamer is again guaranteed to be as good as new.
7. One investment in Aabs reamers is all; "Reamer hunting" every year is over for good.
8. Three sizes of spindle bushing length reamers shown and priced on the lower half of page 24, namely No. 3, No. 4, and No. 5, at a total cost of $44.50—will do 75% of all piston pin and spindle bushing jobs (.734)-(1.062).

GUARANTEE

Aabs Perfect Expansion Reamers must give entire satisfaction. In case any defects are found—the MANUFACTURER will Repair or Replace FREE OF CHARGE.

All prices quoted are net to the trade.

Please order by number and note carefully the range of expansion.

Piston Pin Lengths

No.	Size In.	Expand to	No. of Blades	Price
1	$\frac{39}{64}$ (.609)	$\frac{43}{64}$ (.671)	8	$ 8.90
2	$\frac{43}{64}$ (.671)	$\frac{47}{64}$ (.734)	8	11.00
3	$\frac{47}{64}$ (.734)	$\frac{13}{16}$ (.812)	8	11.50
4	$\frac{13}{16}$ (.812)	$\frac{15}{16}$ (.937)	10	13.10
5	$\frac{15}{16}$ (.937)	$1\frac{1}{16}$ (1.062)	10	15.25
6	$1\frac{1}{16}$ (1.062)	$1\frac{7}{32}$ (1.218)	12	17.50
7	$1\frac{7}{32}$ (1.218)	$1\frac{3}{8}$ (1.375)	14	19.50
8	$1\frac{3}{8}$ (1.375)	$1\frac{19}{32}$ (1.593)	10	27.00
9	(1.575)	(1.800)	10	39.50
10	(1.800)	(2.025)	12	49.50

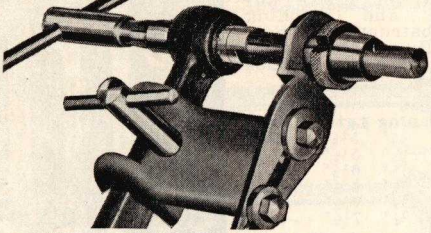
All Aabs Reamers will cut .010 oversize.

AABS SPECIAL SPINDLE BUSHING REAMERS

These reamers are the same as the above but are made in special lengths, two and one-half inches longer than the standard size.

No.	Size In.	Expand to	No. of Blades	Price
0	490/1000 (.490)	540/1000 (5.40)	6	$12.50
00	530/1000 (.530)	580/1000 (.580)	6	12.50
000	570/1000 (.570)	620/1000 (.620)	6	12.50
1	$\frac{39}{64}$ (.609)	$\frac{43}{64}$ (.671)	8	10.50
2	$\frac{43}{64}$ (.671)	$\frac{47}{64}$ (.734)	8	12.50
3	$\frac{47}{64}$ (.734)	$\frac{13}{16}$ (.812)	8	12.75
4	$\frac{13}{16}$ (.812)	$\frac{15}{16}$ (.937)	10	14.75
5	$\frac{15}{16}$ (.937)	$1\frac{1}{16}$ (1.062)	10	17.00
6	$1\frac{1}{16}$ (1.062)	$1\frac{7}{32}$ (1.218)	12	19.25

AABS CONNECTION ROD REAMING GUIDE



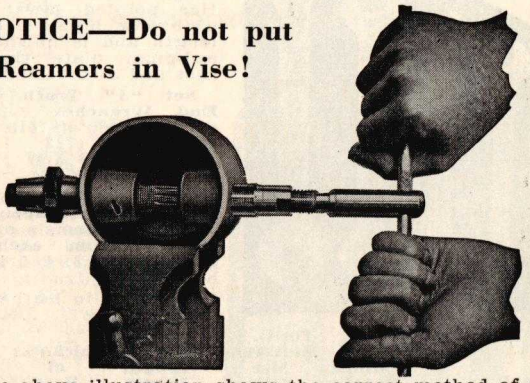
This Connection Rod Reaming Guide is necessary if connecting rods are to be reamed perfectly accurate.

This is the only hand-reaming method on the market that will entirely eliminate chattering and out-of-line reaming.

One centering offset blade furnished with each Reaming Guide. If additional centering blades are required the charge will be 50 cents each.

Price **$5.50**

NOTICE—Do not put Reamers in Vise!



The above illustration shows the correct method of using Aabs Perfect Expansion Reamer and is the only proper way of using it. When used as indicated it will always give perfect satisfaction.

The guarantee expires on any reamer the moment it is placed in the vise and free adjustment will not be made on reamers returned where the imprint of the vise is clearly shown.

New blades are installed at a cost of 25 cents a blade. Reamers are sharpened at a cost of 10 cents a blade. When your reamer is in need of either, please mail it direct to the

NEW ULM MANUFACTURING CO., New Ulm, Minnesota

TRUTH TOOL COMPANY

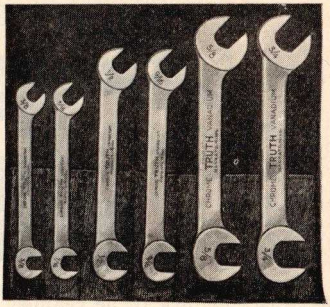
MANKATO MINNESOTA

45° Angle and 90° Angle
Truth Obstructo Wrenches are made in six sizes with same opening in each end. One head is set at 45° angle, the other at 90°. Unequaled for brake adjustments and reaching around obstructions. Sold individually or in kit of 6 wrenches. Every wrench guaranteed.

No.	Size Opening		Lgth.	Price
1821	3/8"	3/8"	5 1/2"	$0.50
1823	7/16"	7/16"	5 1/2"	.50
1825	1/2"	1/2"	6 1/2"	.75
1827	9/16"	9/16"	6 1/2"	.75
1829	5/8"	5/8"	7 1/2"	.85
1831	3/4"	3/4"	7 1/2"	.85

6 wrenches in leatherette kit. Price.....$3.85

TRUTH OBSTRUCTO WRENCH SET



TRUTH OPEN END WRENCH SET

The Truth Open End Wrench is drop forged from select chrome vanadium steel of special analysis. Heat treated entire length to give toughness and durability. Has pointed jaws, thin narrow heads, extra length and is finished in cadmium plate that is rust and acid resisting.

Set "A" Truth Open End Wrenches consists of one each of following wrenches: 1723, 1725B, 1027C, 1028S, and 1731A. In leatherette kit.
Price $3.75

Set "S" Truth Open End Wrenches consists of one wrench from each of groups 1, 2, 3, 4, 5 listed below.

5 wrenches in leatherette kit. Price.....$3.75

NUMBER	Milled Openings	For U. S. Std. Nuts Size Bolts	Extreme Length Approx.	Thickness of Head	Price
Group 1—1723	3/8" & 7/16"		5	3/16"	$0.50
1725	7/16" & 1/2"	1/4"	6 1/2"	15/64"	.75
" 2—1725A	7/16" & 9/16"		6 1/2"	15/64"	.75
1725B	1/2" & 9/16"	1/4"	6 1/2"	17/64"	.75
" 1727	9/16" & 5/8"		7 1/4"	15/64"	.85
3—1027C	9/16" & 11/16"	3/8"	7 1/4"	17/64"	.85
1028	19/32" & 25/32"	5/16" & 7/16"	8 1/4"	19/64"	1.00
" 4—1028S	5/8" & 25/32"	7/16"	8 1/4"	19/64"	1.00
1729	5/8" & 3/4"		8 1/4"	19/64"	1.00
" 5—1731A	3/4" & 7/8"	1/2"	9 3/8"	23/64"	1.20
1731B	13/16" & 7/8"	1/2"	9 3/8"	23/64"	1.20
" 6—1033C	15/16" & 1"		10 3/4"	27/64"	1.50

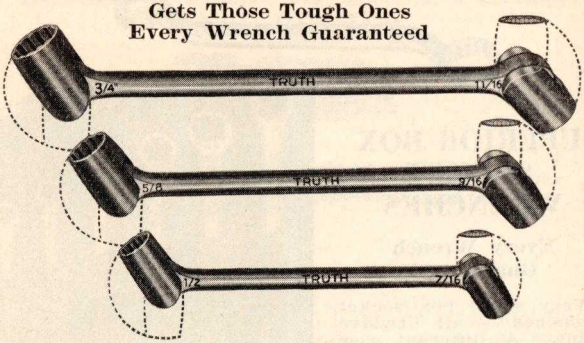
SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

DOUBLE END FLEXIBLE SOCKETS

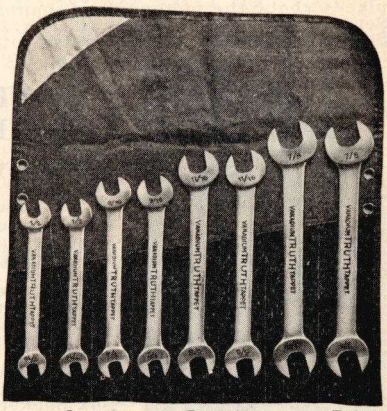
Gets Those Tough Ones
Every Wrench Guaranteed



This new idea wrench, fully flexible on each end is another sample of Truth originality. A handful of these tools will do the same jobs, and more, than a kit full of others of varying sizes and shapes. Cut your special wrench bill this year with the above set.

Order No.	Size	Handle Length	Price
FLEXO-1	½" x 7/16"	6¾"	**$1.70**
FLEXO-2	9/16" x ⅝"	8"	**1.80**
FLEXO-3	¾" x 11/16"	9½"	**1.90**
DOUBLE END FLEXIBLE SOCKETS, in Leatherette Kit (Set of 3). Price			**5.45**
FLEXO-S	½" x 9/16"	7½"	**1.75**

TRUTH TAPPET WRENCHES



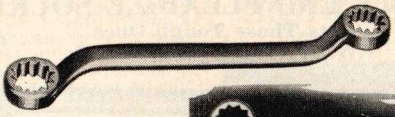
This wrench, drop forged from select chrome vanadium steel is, we believe, the toughest wrench made. Exceptionally thin with 15° angle of heads, makes it ideal to handle work for which designed. From many thousands of them sold in 1931 we have only been asked to make two replacements. Guaranteed to neither spread nor crack.

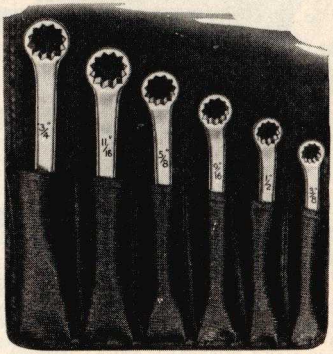
Wrench Number	Opening Size	Length	Price
T-1	7/16" x 11/32"	7"	**$0.60**
T-2	½" x 9/16"	8"	**.65**
T-3	⅝" x 11/16"	8"	**.75**
T-4	¾" x ⅞"	9"	**.90**
SET OF 8 WRENCHES (two of each size) in Kit			**4.95**

Truth salesmen call to give service.

TRUTH TOOL COMPANY

MANKATO MINNESOTA





SUPERIOR BOX SOCKET WRENCHES

Every Wrench Guaranteed

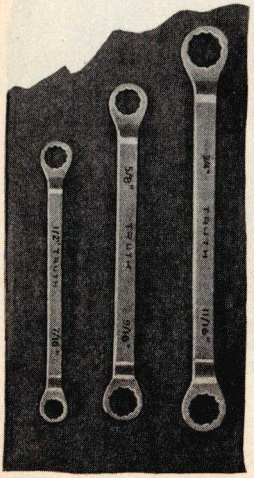
Very small box socket wrenches — all twelve point. A different size opening on each end—ideal for those close places where space is limited.

	Opening	Length	Price
SBS No. 1	3/8" x 7/16"	4 3/4"	**$0.85**
SBS No. 2	7/16" x 1/2"	5 1/4"	**.90**
SBS No. 3	1/2" x 9/16"	5 3/4"	**.95**
SBS No. 4	9/16" x 5/8"	6 1/4"	**1.05**
SBS No. 5	5/8" x 3/4"	6 1/2"	**1.20**
SBS No. 6	11/16" x 3/4"	6 3/4"	**1.45**

Truly a Superior Wrench Set. Unexcelled for those close places about the motor. You should have the complete set.

Set of 6 wrenches only.....**$5.80**

Set of 6 wrenches in leatherette kit..... **5.95**



DOUBLE END BOX SOCKET WRENCHES

Every Wrench Guaranteed

The above set of three Double End Box Sockets have become well known through their use to almost every garage mechanic. Their offset allows them to get into many places which have heretofore been almost impossible to get at. For a sturdy, durable and handy tool we suggest these wrenches.

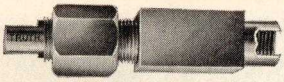
All sizes plainly stamped on each wrench.

Box Socket Set in Kit.....**$2.95**

No.	Size	Lgth.	Price
DEBS-1	7/16" x 1/2"	6 1/2"	**$0.95**
DEBS-2	5/8" x 9/16"	8"	**1.05**
DEBS-3	3/4" x 11/16"	9 1/2"	**1.15**

 Truth service can be had at nearest mail box.

BUICK UNIVERSAL JOINT PULLER AND PUSHER



Puller

Pusher

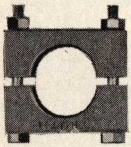
These tools handle universal joints on all model Buicks doing the job quickly and properly. Complete instructions regarding operation shipped with each set.

NEEDED WHEN
- Putting in new transmission end plates.
- Putting in new transmission rear bearing.
- Putting in new universal joint.
- Putting in new transmission main shaft.
- Putting in speedometer drive worm.

Buick Universal Joint Puller and Pusher Set..... **$5.00**

BUICK 6 TIMING GEAR PULLER ATTACHMENT

Handles '29 and older models.



This attachment is to be clamped on hub of cam gear and used with any two jaw gear puller.

Price **$2.00**

BUICK 6 TIMING GEAR PUSHER

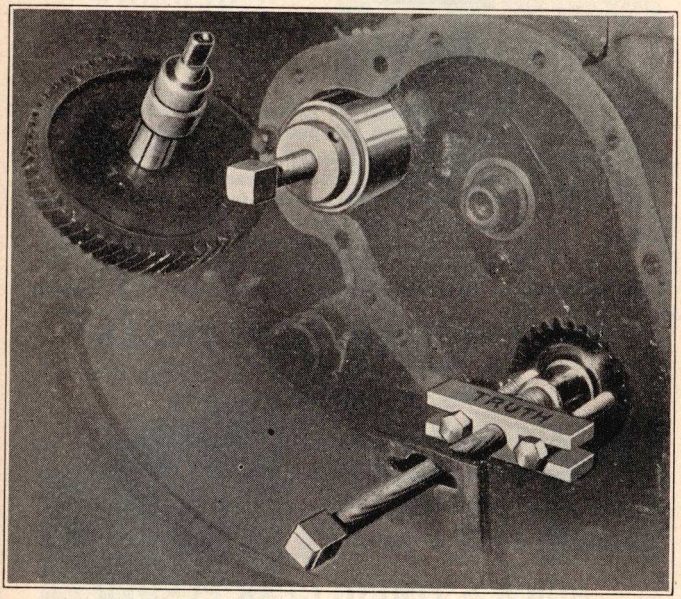
Handles '29 and older models.

The inner end of forcing screw on tool has female thread. Place this on threaded end of cam shaft. Barrel of tool will force cam gear on shaft as forcing nut is tightened. To avoid noise of timing gears they should be forced on tight. Avoiding the complaint of one customer is worth cost of this item.

Price **$2.50**

SPECIAL BUICK TOOLS

This set of special Buick Pullers removes all uncertainty as to amount of time required to remove any one or all three gears illustrated. They cannot possibly injure any gear.



Buick Timing Gear Puller **Buick Crank Shaft Gear Puller** **Buick Pump Shaft Gear Puller**

The above tools are designed to pull all timing gears, pump shaft gears and crank shaft gears on Buick 8's.

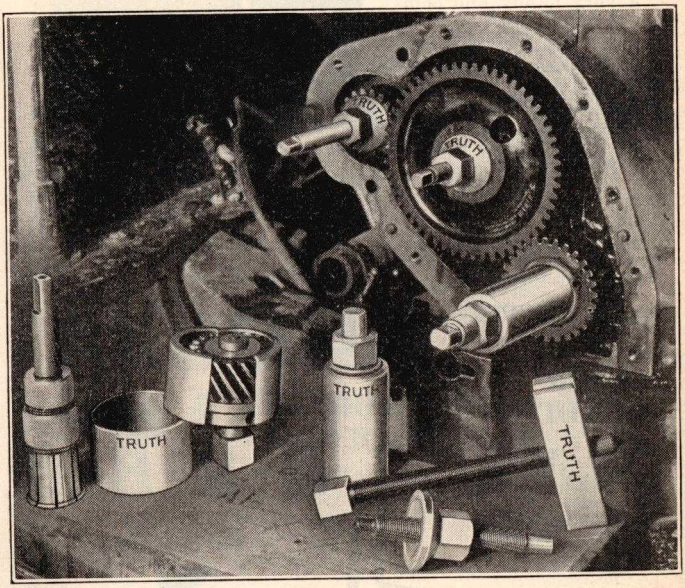
Practically indestructible, fully guaranteed, and any one is well worth its cost on one really frozen gear.

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

BUICK GEAR PULLER AND PUSHER SET COMPLETE



Buick Timing Gear Puller	Buick Pump Shaft Gear Puller	Buick Crank Shaft Gear Pusher	Buick Pump Shaft and Timing Gear Pusher	Buick Crank Shaft Gear Puller

These Special Buick Pullers and Pushers vividly illustrated here require little explanation. They properly handle the work with no injury to parts in least possible time, meaning more profit and complete satisfaction.

BUICK TIMING GEAR PULLER

Handles timing gear (or cam gear) on all Buick 8's.

Price..... $3.45

BUICK PUMP SHAFT GEAR PULLER

Is complete with two sets of jaws and retaining sleeves (illustration above shows only one set). These jaws completely surround the gear and the retaining sleeve makes it impossible for jaws to disengage while pulling.

The No. 1 jaws and retaining sleeve used on Models 8-50 and 8-60.

No. 2 jaws and retaining sleeve used on Model 8-80. Pulling block and screw is universal. To pull pump shaft gear, first remove timing gear.

Price, Complete (with 2 sets of jaws)..... $5.75

BUICK CRANK SHAFT GEAR PUSHER

The inner end of forcing screw is tapped to be screwed on end of crank shaft.

Price..... $2.50

BUICK PUMP SHAFT AND TIMING GEAR PUSHER

This tool handles both jobs indicated by its name. Works on all models.

Price..... $1.65

BUICK CRANK SHAFT GEAR PULLER

Is used with cap screws which screw into places tapped into gear.

Price..... $2.60

SET BUICK GEAR PULLERS AND PUSHERS

(5 tools complete—in fiber box) $15.95

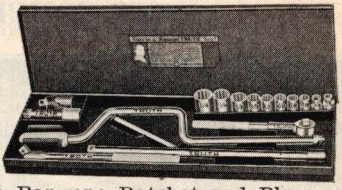
This catalog supersedes all previous issues.

TRUTH TOOL COMPANY

MANKATO MINNESOTA

NO. 20 "RITE-GRIP" JUNIOR SOCKETS

⅜" Square Handle Openings
Complete $12.50
Every Part Guaranteed



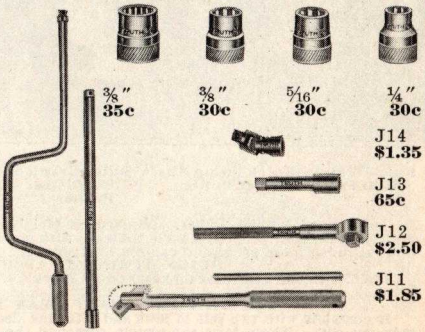
A very handy and complete set of small sockets, the parts of which are shown below. The set contains seven 12-point sockets, sizes ⅜", 7/16", ½", 9/16", ⅝", 11/16" and ¾". Three 8-point sockets, ¼", 5/16" and ⅜". One 8½" Flex Handle and Tee Bar, one Ratchet and Plug, one Universal Joint, one 3" Extension, one 12" Extension and one 16" Speeder. Many mechanics are using these sets because the shorter, thinner sockets with smaller handles and parts work to perfection in many places which the larger sets will not reach.

Complete with metal box as shown. Price.....**$12.50**
Complete, less box. Price..... **11.60**
Metal box only..... **1.25**

NO. 6 "RITE-GRIP" JUNIOR SOCKET SET

¾" **35c** | 11/16" **35c** | ⅝" **35c** | 9/16" **35c** | ½" **35c** | 7/16" **35c**

Seven 12-point sockets, 8½" flex handle and tee bar.
Price, with metal box **$4.85**



⅜" **35c** | ⅜" **30c** | 5/16" **30c** | ¼" **30c**

J14 **$1.35**

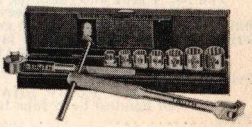
J13 **65c**

J12 **$2.50**

J11 **$1.85**

NO. 8 "RITE-GRIP" JUNIOR SOCKET SET

⅜" Square Handle Openings J16 **$1.00** J15 **90c**



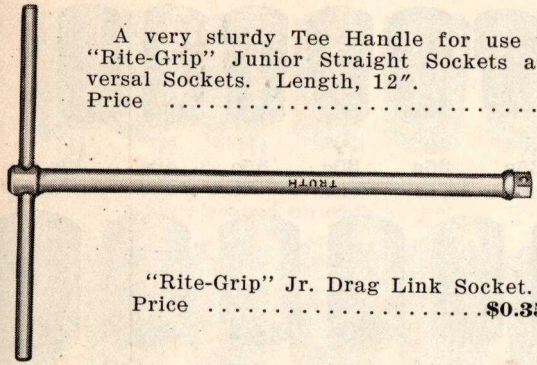
A smaller set for mechanics who do not wish to invest in the complete set above but who prefer purchasing the most useful parts and building up. This set consists of seven 12-point sockets as shown with the Junior Ratchet and 8½" flex handle and tee bar. A useful small set of wrenches at a moderate price.

Complete set as shown in metal box. Price.....**$7.20**
Complete set less metal box. Price..... **6.80**
Metal box only Price..... **.75**

 All prices subject to change without notice.

"RITE-GRIP" JUNIOR TEE HANDLE

3/8" Square Adaptor



A very sturdy Tee Handle for use with all "Rite-Grip" Junior Straight Sockets and Universal Sockets. Length, 12".
Price **$1.25**

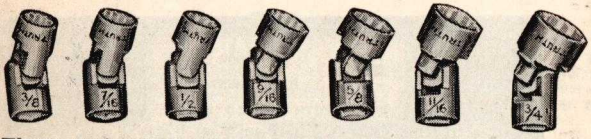
"Rite-Grip" Jr. Drag Link Socket.
Price **$0.35**

CHEVROLET OIL PAN SPEEDER ATTACHMENT

Used in connection with "Rite-Grip" Jr. Speed Handle when removing and replacing oil pan screws. 3/8" square handle opening. Prevents dropping screw—makes difficult job easy.
Price **$0.85**

"RITE-GRIP" JUNIOR UNIVERSALS

3/8" Square Handle Openings



These universal joint sockets, all 12-point, are made of highest grade steel properly tempered, are free acting and while very tiny have exceptional strength and make difficult places easily accessible.

3/8" Universal Socket	**$1.35**	5/8" Universal Socket	**$1.40**
7/16" Universal Socket	**1.35**	11/16" Universal Socket	**1.40**
1/2" Universal Socket	**1.35**	3/4" Universal Socket	**1.40**
9/16" Universal Socket	**1.35**		

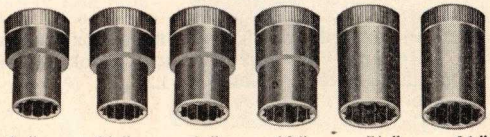
All prices quoted are net to the trade.

TRUTH TOOL COMPANY

MANKATO MINNESOTA

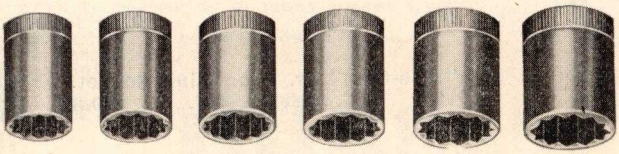
TRUTH "STRAIT-WAL" SOCKETS

½" Handle Openings



7/16"	½"	9/16"	19/32"	⅝"	21/32"
35c	**35c**	**35c**	**35c**	**40c**	**40c**

Sizes stamped on each socket.



11/16"	¾"	25/32"	13/16"	⅞"	15/16"
40c	**40c**	**45c**	**45c**	**45c**	**50c**

THE BEST COST NO MORE!

These extra thin "Strait-Wal" sockets are shop favorites in tight places. The added feature of the 12-point opening is a valuable aid. They are reasonable in cost, yet their toughness will surprise you. They fit all standard ½" handles.

		Price
	First 10 Sizes, Less 21/32"	**$3.95**
	Full 12 Sizes as Shown Above	**4.85**
	1 1/16" "Strait-Wal" Socket	**.70**
	1⅛" "Strait-Wal" Socket	**.70**
1" **$0.55**	1¼" "Strait-Wal" Socket	**.75**

This popular set contains 6 "Strait-Wal" sockets as above: 7/16", ½", 9/16", ⅝", 11/16" and ¾". With 11" flexible handle and tee bar.

Price, complete **$4.85**

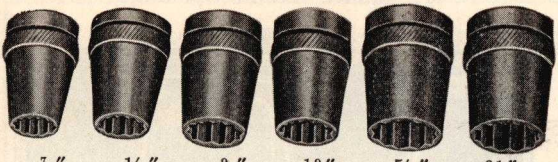
SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

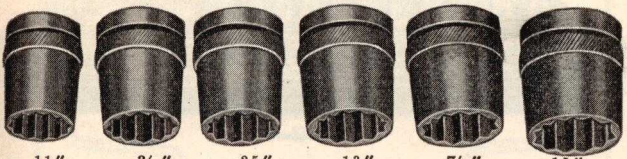
TRUTH "RITE-GRIP" SOCKETS

½" Handle Openings



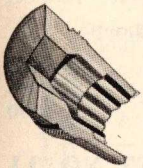
7/16"	1/2"	9/16"	19/32"	5/8"	21/32"
35c	35c	35c	35c	40c	40c

Sizes stamped on each socket.



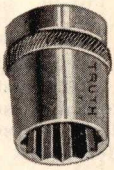
11/16"	3/4"	25/32"	13/16"	7/8"	15/16"
40c	40c	45c	45c	45c	50c

PLAY SAFE AND BUY TRUTH!



These "Rite-Grip" Sockets will suit the most particular. They are thin and of good length. For general garage use this is a sensible purchase.

	Price
First 10 Sizes, Less 21/32"	$3.95
Full set of 13 as shown, including 1"	5.45



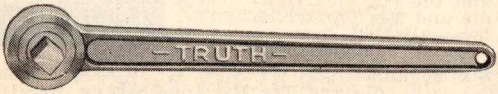
1"
55c

DRAG LINK SOCKET

A tough little socket for the job suggested by its name.
Price $0.60

We replace free of charge any Truth socket that breaks.

TRUTH 27-POINT RATCHET

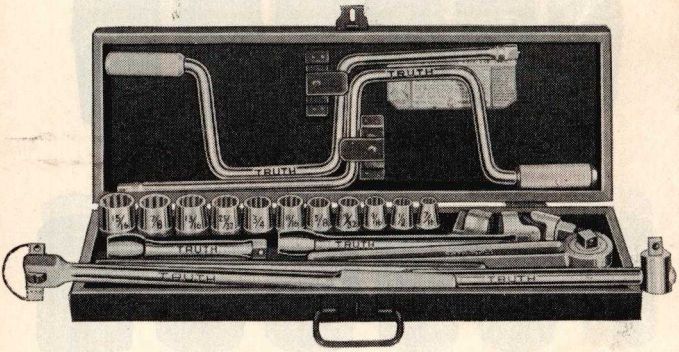


Here is a ratchet that takes twenty-seven new holds every one revolution and grips in two places every time it holds. A ratchet sensation.
Price, complete..... $3.25

A regular service at your service.

TRUTH AIRMAN SET

½" Square Handle Openings



This is our largest and most complete socket wrench set. It contains the following items:

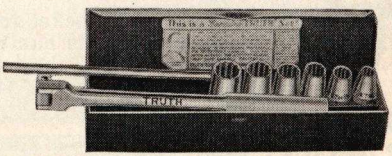
- 11 "Rite-Grip" or "Strait-Wal" Sockets, 7/16" to 15/16" inclusive.
- 1 Drag Link Socket
- 1 Universal Joint
- 1 10" Extension
- 1 5" Extension
- 2 Speed Handles
- 1 15" Flex Handle and Tee Bar
- 1 Truth 27-Point Ratchet and Plug
- 1 Sliding Tee Handle
- 1 Heavy Metal Box

Complete set, as shown..... **$18.35**
Complete set, less box..... **17.80**
Metal box only..... **2.00**

TRUTH "RITE-GRIP" SOCKET SET NO. 11

½" Square Handle Openings

The No. 11 set is another very popular, moderately priced assortment. The set contains the six most widely used sockets and the 11" Flex Handle and Tee Bar which has always been a popular wrench.



Six Sockets—7/16", ½", 9/16", ⅝" 11/16", ¾"; one 11" Flex Handle and Tee Bar; one Strong Metal Box

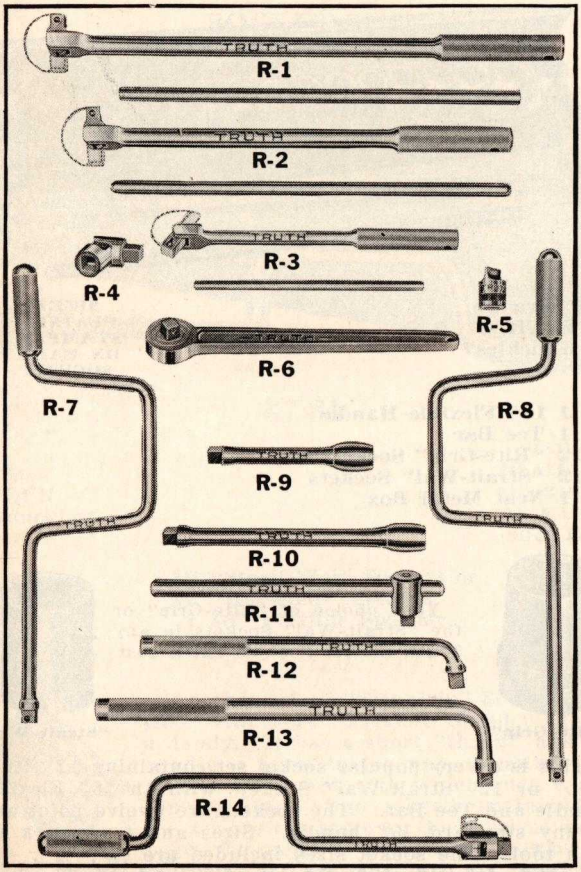
Price, complete as shown..... **$4.85**
Price, less metal box..... **4.45**
Price, metal box only..... **.75**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

TRUTH "RITE-GRIP" HANDLES AND PARTS



½" Square Handle Openings

Flex Handle and Tee Bar
- **R-1,** 18" **$2.85**
- **R-2,** 15" **2.50**
- **R-3,** 11" **2.20**

R-4, Universal Joint... **1.50**

R-5, Drag Link Socket. **.60**

R-6, 27-point Truth Ratchet **3.25**

R- 7, 14" Speed Handle. **$1.35**

R- 8, 18" Speed Handle. **1.40**

R- 9, 5" Extension Bar **.75**

R-10, 10" Extension Bar **1.00**

R-11, Sliding Tee Bar.. **1.00**

R-12, 10" Offset Handle **1.00**

R-13, 14" Offset Handle **1.25**

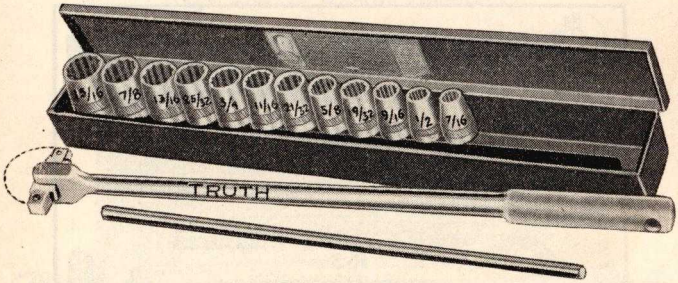
R-14, 16" Flex. Speeder **2.50**

Truth salesmen call to give service.

TRUTH TOOL COMPANY

MANKATO MINNESOTA

NO. 18 "RITE-GRIP" SOCKET SET



"Save YOUR Knuckles"

$8.25

SIZES PLAINLY STAMPED ON EACH SOCKET

1 18″ Flexible Handle
1 Tee Bar
12 "Rite-Grip" Sockets or
12 "Strait-Wal" Sockets
1 Neat Metal Box

"Rite-Grip"

Your choice of "Rite-Grip" or the "Strait-Wal" Sockets in any Truth Socket Set—no extra cost.

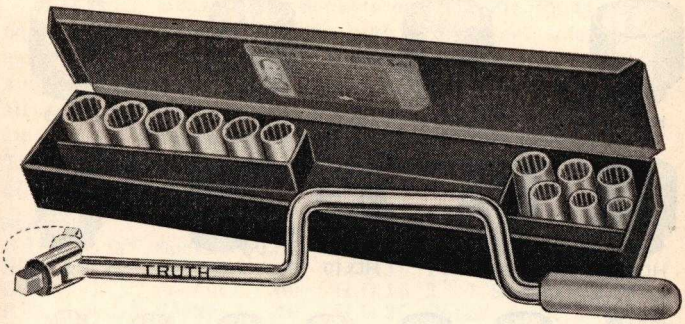
"Strait-Wal"

This is a very popular socket set containing 12 "Rite-Grip" or 12 "Strait-Wal" Sockets with an 18″ Flexible Handle and Tee Bar. The sockets are twelve point and fit any standard ½″ handle. Sizes and trademark on each tool. The socket sizes included are $\frac{7}{16}$″, ½″, $\frac{9}{16}$″, $\frac{19}{32}$″, ⅝″, $\frac{21}{32}$″, $\frac{11}{16}$″, ¾″, $\frac{25}{32}$″, $\frac{13}{16}$″, ⅞″, and $\frac{15}{16}$″. The long Flex Handle is made from high grade steel and tempered throughout.

Set complete in strong metal box. Price..... **$8.25**
Set, less box. Price..... **7.70**
Box only. Price **1.00**

 Truth service can be had at nearest mail box.

NO. 16 FLEXIBLE "RITE-GRIP" SOCKET SET

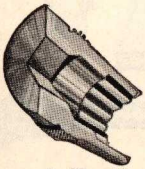


$7.85

"Save YOUR Knuckles"

SIZES PLAINLY STAMPED ON EACH SOCKET

12 "Strait-Wal" Sockets or
12 "Rite-Grip" Sockets
1 16″ Flexible Speeder
1 Neat Metal Box



Another set of "Rite-Grip" Sockets, this time with a 16″ Flexible Speeder that is a dandy. It has a short "throw" and the handle is never in the way. Another feature is the speed with which such a tool can be used. The sockets contained in the set are the same as the illustration on pages 34 and 35. Every part carries the usual Truth guarantee. This may also be purchased with "Strait-Wal" Sockets or with "Rite-Grip" Sockets.

Price complete, as shown in metal box..... **$7.85**
Price, less box **7.35**
Price, box only..... **1.00**

TRUTH TOOL COMPANY

MANKATO MINNESOTA

TRUTH HEAVY DUTY SOCKETS AND HANDLE PARTS

¾" Square Adaptors

HD 16

HD 15

HD 14

HD 13

HD 12

HD 11

HD 10

HD 9

HD 8

HD 7

HD 6

HD 5

HD 4

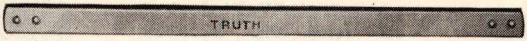
HD 3

HD 2

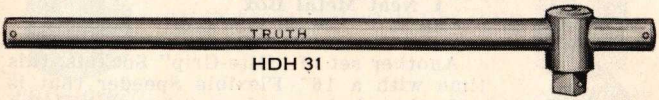
HD 1

HDH 29

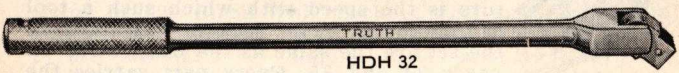
HDH 25



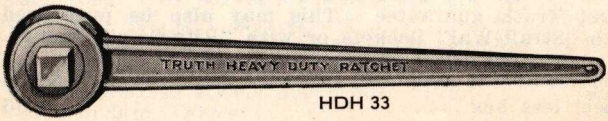
HDH 30



HDH 31



HDH 32



HDH 33

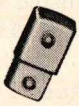
Please refer to part number when ordering.

TRUTH HEAVY DUTY SOCKETS AND HANDLE PARTS

The Truth Heavy Duty Sockets and Handle Parts are designed for heaviest work—high alloy steel scientifically heat treated. Every part guaranteed—unbreakable on those tough jobs. H.D.H No. 33 Ratchet has strength sufficient to stand the test of three men on six feet extra leverage—a test that will wreck any bolt. These sockets and handle parts have no equal for beauty of design, strength and utility.

Size		Price	Size		Price
H.D. 1	7/8″ Socket	$0.50	H.D.14	1 13/16″ Socket	$2.25
H.D. 2	15/16″ Socket	.50	H.D.15	1 15/16″ Socket	2.50
H.D. 3	1″ Socket	.60	H.D.16	2″ Socket	2.75
H.D. 4	1 1/16″ Socket	.70	H.D.25	Collar Joint	.60
H.D. 5	1 1/8″ Socket	.75	H.D.H.29	—8″ Extension	1.00
H.D. 6	1 1/4″ Socket	.85	H.D.H.30	—16″ Extension	1.30
H.D. 7	1 5/16″ Socket	.95	H.D.H.31	—20″ Sliding Tee	2.25
H.D. 8	1 3/8″ Socket	1.05	H.D.H.32	—Flex Handle	4.50
H.D. 9	1 7/16″ Socket	1.10	H.D.H.33	—Ratchet	6.50
H.D.10	1 1/2″ Socket	1.20			
H.D.11	1 5/8″ Socket	1.35			
H.D.12	1 11/16″ Socket	1.50			
H.D.13	1 3/4″ Socket	2.00			

TRUTH HANDLE ADAPTORS



HDH 26

HDH 27

HDH 28

	Price
H.D.H.26 has two male ends 5/8″ sq. and 3/4″ sq.	$0.75
H.D.H.27 has 3/4″ sq. male end and 5/8″ sq. female end	.85
H.D.H.28 has 5/8″ sq. male end and 3/4″ sq. female end	.85

This catalog supersedes all previous issues.

TRUTH TOOL COMPANY

MANKATO MINNESOTA

TRUTH HEAVY DUTY SOCKET SETS

Set No. H.D.1 consists of 16 Heavy Duty Sockets and 6 Heavy Duty Handle Parts illustrated on page 40. An ideal set for mechanics doing work on heavy trucks, industrial plants and highway road departments. Complete set fits neatly into strong metal case 20½"x8" with depth of 3".

Set No. H.D.1 complete in metal case **$39.50**
Set No. H.D.1 complete without case **36.70**
Metal case only **3.50**

SET NO. H.D.2

Contains Handle Parts:
No. H.D.H.29— 8" Extension **$1.00**
No. H.D.H.30—16" Extension **1.30**
No. H.D.H.31—Sliding Tee **2.25**
No. H.D.H.25—Collar Joint ..... **.60**

Heavy Duty Sockets:
No. H.D.1, H.D.2, H.D.3, H.D.4, H.D.5, H.D.6, H.D.8, H.D.9 ..... **6.05**
Set No. H.D.2 complete with all tools listed above.. **11.20**
Set No. H.D.2 in metal case* **14.00**

SET NO. H.D.3

Contains Handle Parts:
No. H.D.H.29— 8" Extension **$1.00**
No. H.D.H.30—16" Extension **1.30**
No. H.D.H.31—Sliding Tee **2.25**
No. H.D.H.25—Collar Joint ..... **.60**

Heavy Duty Sockets:
No. H.D.1, H.D.2, H.D.3, H.D.4, H.D.5, H.D.6, H.D.7, H.D.8, H.D.9, H.D.10, H.D.11 ..... **9.55**
Set No. H.D.3 complete with all tools listed above **14.70**
Set No. H.D.3 in metal case* **17.50**

*(This metal case will accommodate all Truth Heavy Duty Sockets listed on page 40 should you later desire to add same.)

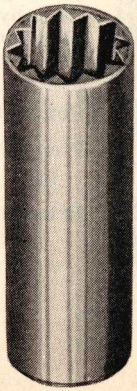
 All prices subject to change without notice.

SIMPLIFIED WRENCH STAMPINGS

To avoid unnecessary confusion all Truth Wrenches are stamped with only the milled opening sizes. The following table has been prepared of standard bolt, nut and cap screw sizes served by each opening size:

Openings as stamped	U. S. STANDARD For U. S. Std. Nuts; Size Bolt	U. S. STANDARD For U. S. Hex Head Cap Screws Diameter Screw	S.A.E. Std. For S.A.E. Std. Nuts and Cap Screws; Size Bolt	AMERICAN STD. For Amer. Std. Nuts; Size Bolt	AMERICAN STD. For Amer. Std. Hex. Head Cap Screws; Dia. Screw
5/16	1/8	1/8			
3/8		3/16			
13/32	3/16				
7/16		1/4	1/4	1/4	1/4
1/2	1/4	5/16	5/16		5/16
9/16		3/8	3/8	5/16	3/8
19/32	5/16				
5/8		7/16	7/16	3/8	7/16
11/16	3/8				
3/4		1/2	1/2	7/16	1/2
25/32	7/16				
13/16		9/16		1/2	9/16
7/8	1/2	5/8	9/16	9/16	5/8
15/16			5/8	5/8	
31/32	9/16				
1		3/4	11/16		3/4
1- 1/16	5/8		3/4		
1- 1/8		7/8		3/4	7/8
1- 1/4	3/4	1	7/8		
1- 5/16				7/8	1
1- 3/8		1 1/8			
1- 7/16	7/8		1		
1- 1/2		1 1/4		1	1 1/8
1- 5/8	1	1 3/8	1 1/8		
1-11/16				1 1/8	1 1/4
1-13/16	1 1/8		1 1/4		
1- 7/8				1 1/4	
2	1 1/4		1 3/8		

SPARK PLUG SOCKETS



Extra length sockets for handling spark plugs, many of which are difficult to reach on late model cars.

Standard 1/2" Square Handle Openings:

Opening Size	Price
7/8"	$0.90
15/16"	1.05
1 "	1.10
1 1/8"	1.15

All prices quoted are net to the trade.

TRUTH TOOL COMPANY

MANKATO MINNESOTA

CHEVROLET OIL PAN SPEEDER

A very practical tool for Chevrolet is this speeder for holding and starting the oil pan screws. Round hole is put in the tip of the speeder to help remove grease, etc. The tool is long enough to reach and handle any pan and the screws do not fall out.

Price **$1.65**

CHEVROLET AXLE STUB REMOVER

The Truth Tool Company solved another difficult and tedious job for Chevrolet mechanics when this tool was placed upon the market. To operate, remove axle opposite the broken stub, insert tool and drive broken piece from the differential gear by hammering on the end of tool. This tool may be purchased for car alone or for car and truck both as shown.

Complete for car and truck . **$4.00**

For car size, handle and fork **2.75**

Price, forks, each **1.50**

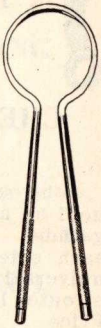
Our guarantee protects your investment.

CHEVROLET SIX STARTER AND MANIFOLD WRENCH

5/8" x 9/16"

Ideal for removing starter and also handles manifold nuts, water connection nuts and manifold exhaust nuts.

Price $1.50



CHEVROLET SHIFT LEVER CAP WRENCH

This wrench tightens or loosens the shift lever cap on 1932 models without marring finish of cap.

Price $1.25

CHEVROLET SIX SPECIAL MANIFOLD WRENCH

1/2" x 9/16"

A very popular combination of sizes for manifolds and universal joints.

Price $1.50

CHEVROLET SIX STARTER AND UNIVERSAL JOINT WRENCH

1/2" x 5/8"

This wrench has the correct angle for removing starters and handling universal joint jobs.

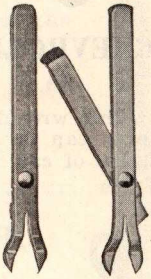
Price $1.50

CHEVROLET UNIVERSAL JOINT WRENCH

½"x 9/16"

This small double end offset wrench is the one handiest size wrench made. Because of its shape it is a favorite everywhere.

Price **$1.00**



CHEVROLET UNIVERSAL JOINT HOLDERS

Why struggle with wire or packing to hold up a universal when bolting them together? Place one of these holders on each side, slip forked end under nut of universal and snap the clamp under corner of outer housing.

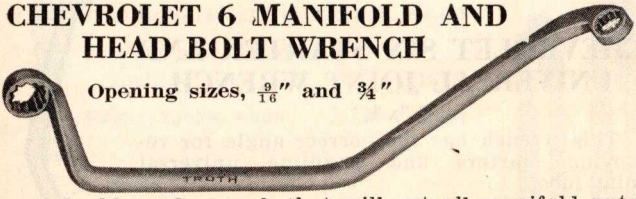
Price **$1.50**

CHEVROLET STEERING POST ADJUSTING NUT SOCKET

Used in connection with any ratchet, will adjust nuts on end of steering post of new Chevrolet models.

Price **$0.75**

CHEVROLET 6 MANIFOLD AND HEAD BOLT WRENCH



Opening sizes, 9/16" and ¾"

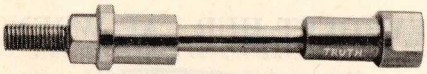
A double end wrench that will get all manifold nuts and head bolts on Chevrolet 6.

Price **$2.15**

CHEVROLET 6 PUMP NUT AND LAMP BRACKET NUT WRENCH

The finest wrench on the market for both of the jobs suggested by its name.
Price **$1.70**

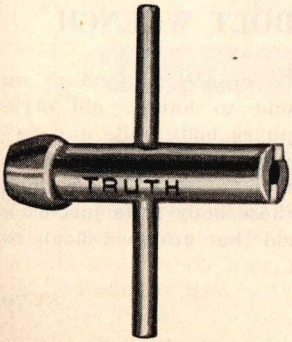
CHEVROLET 6 SPLINDLE BUSHING PULLER AND REPLACER



This tool not only removes the bushing but replaces the new one without burring.
Price **$1.75**

CHEVROLET ECCENTRIC NUT ADJUSTER

Opening size $\frac{15}{16}''$.
This tool especially designed to hold eccentric nut while adjustment is being made.
Price **$1.50**

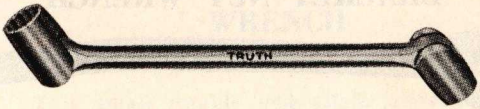


CHEVROLET CARTER CARBURETOR WRENCH

Handles Carter Carburetor jets very nicely. Opposite end is $\frac{5}{16}''$ in size, 12-point. A very popular tool.

Price **$0.85**

CHEVROLET MAIN BEARING WRENCH

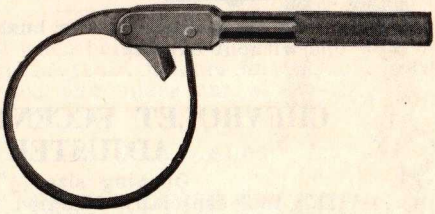


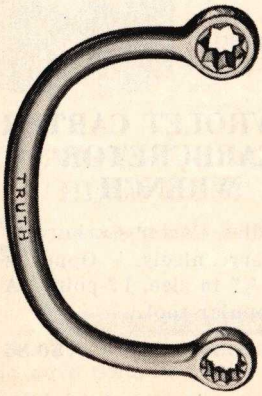
Opening sizes, 5/8"x3/4"

This wrench is especially designed to handle main bearing nuts on all Chevrolet models up to and including 1931. Also a very useful wrench on numerous other jobs.
Price **$2.75**

CHEVROLET HUB CAP WRENCH

A fine tool for Chevrolet hub caps as it puts them on tight or removes them without denting in any way.
Price..... **$1.25**



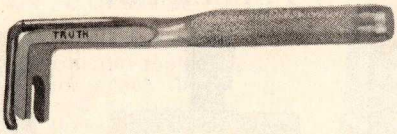


CHEVROLET BODY BOLT WRENCH

This wrench is 8 point on one end to handle old style 9/16" square body bolts and 5/8" 12 point on the other end for newer models. The wrench gets those body bolts just back of hood that are so difficult to reach.

Price **$1.70**

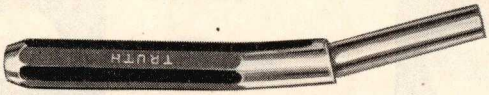
MODEL A RADIUS ROD BOLT HOLDER



This tool absolutely eliminates the possibility of dropping radius rod bolt into the flywheel housing. Every Ford repairman should have this tool.

Price **$1.45**

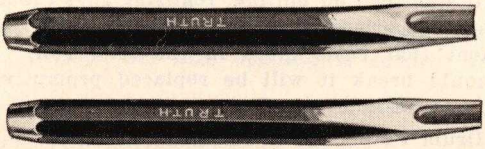
MODEL A REAR SPRING HANGER BUSHING DRIVER



Especially designed to remove and replace bushings in rear spring hanger.

Price **$1.25**

MODEL A AND AA HUB BOLT SET PUNCHES

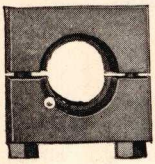


This tool represents a departure from the conventional type of hub bolt set punch and does the job more neatly and in less time. A great timesaver and a tool that stands the gaff.

Car Size Punch **$0.95**

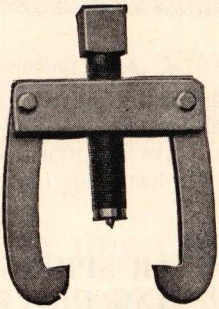
Truck Size Punch **1.00**

MODEL A AND AA BRAKE DRUM PULLER SET

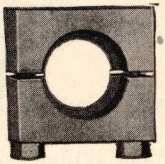


13a

Handles Every Ford Car and Truck

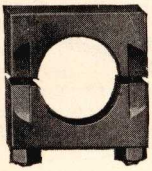


13



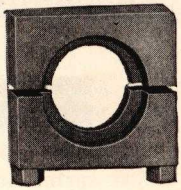
13b

Guaranteed to Pull the Tightest Brake Drum



13c

13d



The above complete outfit for pulling all Model A car and AA truck brake drums is beyond doubt the ideal set for the job. There is not one bit of cast iron or cast steel in the set. We have done our best to build a tool that will pull and keep on pulling, realizing that the average shop has experienced enough trouble with cheaper equipment that costs more in the long run. If any part should break it will be replaced promptly at no charge, no questions asked.

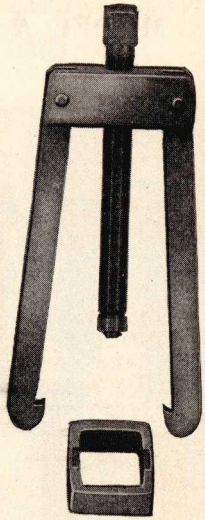
Brake Drum Puller Set as shown	**$19.50**
13B—1929 Car Attachment	**3.00**
13D—1929 Truck Attachment	**3.60**
13A—1930 Car Attachment	**2.75**
13C—1930 Truck Attachment	**3.25**
13—Puller only	**9.50**
Screw	**2.50**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

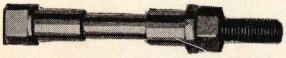
MODEL A AND AA KING PIN PUSHER



A time-saving tool for every Ford shop is this new model tool for pushing out car and truck king pins. There is no need to continue the struggle with these pins when one tool can be had for both jobs at a fair price and save its cost on a few operations.

Price **$6.95**

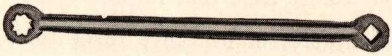
MODEL A SPINDLE BUSHING PULLER AND REPLACER



Removes and replaces spindle bushings without burring. A time and trouble saver.

Price **$1.75**

MODEL A AND AA BRAKE WRENCH



A very durable wrench for adjusting brakes on Ford car and truck. Car size opening is square; truck 8 point.

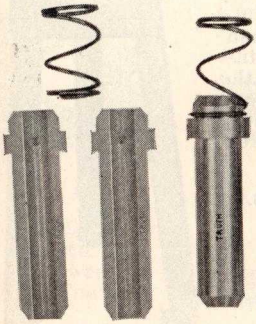
Price **$1.35**

MODEL A BRAKE SPRING HOOK

A small but useful tool for hooking and unhooking brake springs.

Price **$0.85**

MODEL A FORD VALVE GRINDING TOOLS



MODEL A VALVE GRINDER GUIDE

A favorite and fast false valve guide with a spring attachment. Accurately made.

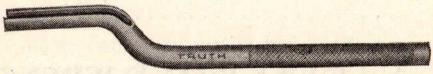
Price **$1.25**

MODEL A VACUUM VALVE GRINDER

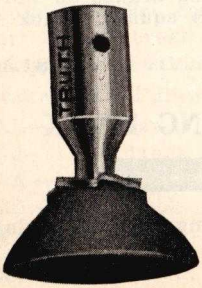
Comes to you as shown with three additional rubber cups that are interchangeable.

Price, complete **$1.20**
Price, as shown, less extra cups..... **.95**
Cups only (per set of three)..... **.25**

MODEL A VALVE GUIDE REMOVER



The most widely used tool for removing valve guides.
Price **$1.00**
Price for complete set of above three tools..... **3.20**



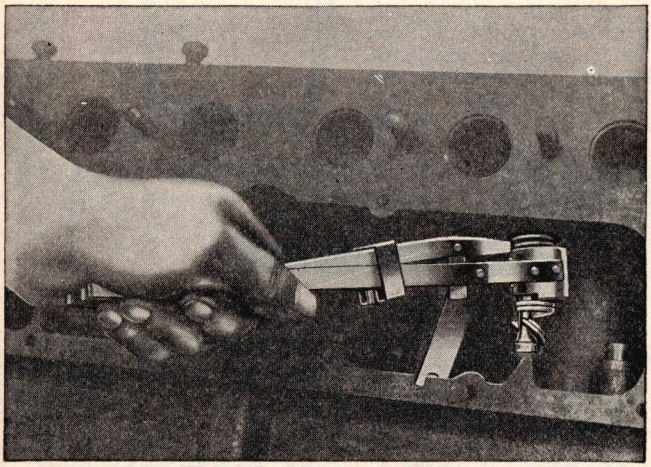
MODEL A VACUUM VALVE GRINDER ATTACHMENT

This attachment will fit any automatic or hand valve grinder of $\frac{7}{16}''$ size shank or under.

Price **$0.65**

 All prices subject to change without notice.

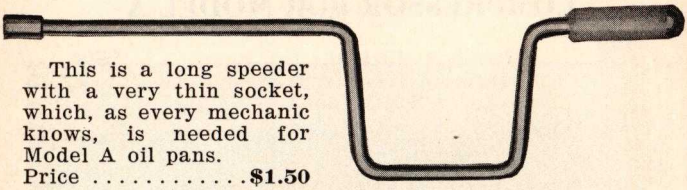
SUNNEN COMBINED VALVE LIFTER AND COMPRESSOR FOR MODEL A



This new combination lifter and compressor is the neatest tool for Ford work we have seen in a long time. Note the room left to remove lock, also the ease with which the spring can be removed. It will also compress the spring, lock it and leave it ready to be replaced with no chance of slipping out. It can be used easily without removing carburetor. You cannot afford to be without one at the price.

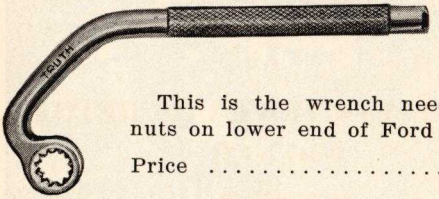
Price, as shown **$0.95**

MODEL A AND AA OIL PAN SPEEDER



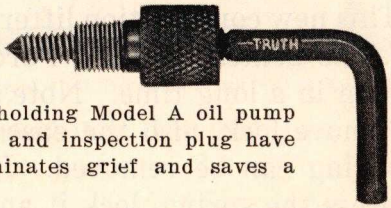
This is a long speeder with a very thin socket, which, as every mechanic knows, is needed for Model A oil pans.
Price **$1.50**

MODEL A AND AA STEERING COLUMN WRENCH



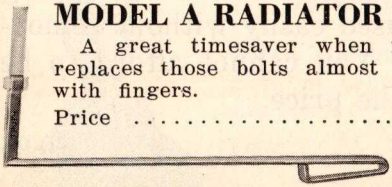
This is the wrench needed to reach the nuts on lower end of Ford steering columns.
Price **$0.95**

MODEL A AND AA OIL PUMP HOLDER



A perfect tool for holding Model A oil pump in position when pan and inspection plug have been removed. Eliminates grief and saves a lot of time.
Price **$0.75**

MODEL A RADIATOR BOLT HOLDER



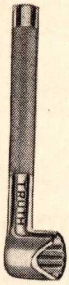
A great timesaver when replacing radiator—replaces those bolts almost impossible to reach with fingers.
Price **$0.75**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

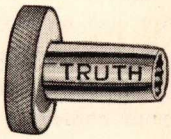
MODEL A STEERING SECTOR BOLT HOLDER



Holds the bolts on either side of the Model A Steering Column Sector where it is bolted to the frame. Another troublesome job easily done with a Truth tool.

Price **$0.95**

MODEL A TERMINAL BOX WRENCH



Gets the small nuts inside the terminal box on the engine side of Model A dash.

Price **$0.65**

MODEL A OUTER CARBURETOR WRENCH

Sizes, $\frac{13}{32}$"X$\frac{7}{16}$"

Designed to properly fit the nut on Model A Carburetor Jet. (Part No. A9528).

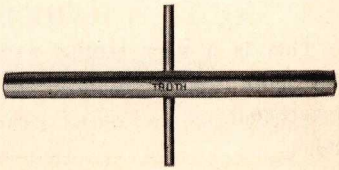
Price **$0.85**

MODEL A CARBURETOR JET WRENCH

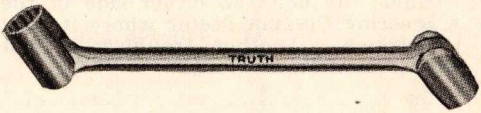
Opening Sizes, $\frac{9}{32}$"x$\frac{5}{16}$"

A double end twelve point hollow socket wrench for jet nuts. It gets either size nuts used on Model A carburetors.

Price **$1.10**



MODEL A FLEXO SPECIAL WRENCHES

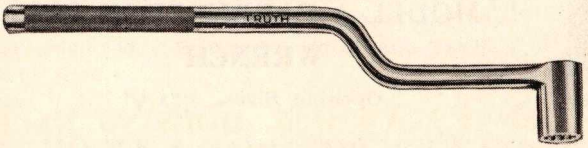


The Model A Flexo Special Wrenches are designed for use on main bearings, connection rods, head bolts, manifold nuts and many other jobs on the Model A cars. It is fully flexible on either end and may be had with your choice of any two of the following size sockets attached: ¾″, $\frac{11}{16}$″, $\frac{21}{32}$″, twelve point, and $\frac{9}{16}$″ square.

Please do not fail to specify sizes desired.

Model A Flexo Wrench **$2.75**

MODEL A AND AA REAR MAIN BEARING WRENCH



This is a very strong wrench and proper in shape for main bearing nuts. Long enough to give great leverage.

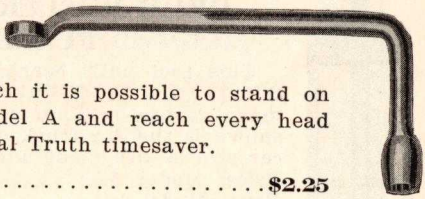
Price **$1.55**

SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

MODEL A AND AA MANIFOLD AND HEAD BOLT WRENCH



With this wrench it is possible to stand on one side of a Model A and reach every head bolt. It is a typical Truth timesaver.

Price **$2.25**

MODEL A PUMP NUT WRENCH

A well made little wrench that not only handles Model A pump nuts, but other jobs such as Chrysler pump nuts and Hudson heater pipe nuts.

Price **$0.60**

MODEL A ZERK PULLER AND REPLACER

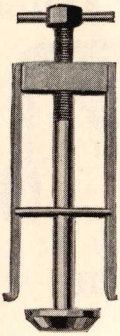
A popular tool which will speedily remove and drive in Zerk fittings.

Price **$1.65**

MODEL A FLYWHEEL HOUSING RACE PULLER

This tool saves its purchase price in two jobs of pulling this race.

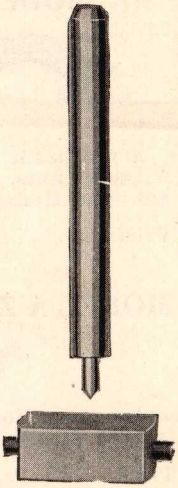
Price **$1.95**



MODEL AA TRUCK BRAKE DRUM ROLLER BEARING PULLER

This tool pulls bearings and grease retainers from Ford Brake Drums. First remove grease retainer washer. The tool shown is the AA truck size. The Model A car size is also made and listed below.

Price, Model AA **$3.75**
Price, Model A **2.75**
Set of two above tools **6.25**

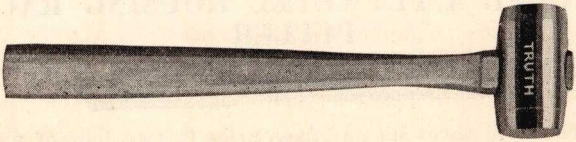


MODEL AA TRUCK BRAKE DRUM SLEEVE DRIVER

The pins in driving block have forcing springs which force them out into the two ½″ holes in sleeve when tool is in position. The offset portion of driving stud enters block in center making it impossible for pins to slip out of position. When tool is in position drive sleeve out with heavy hammer by striking end of driving stud. A perfect tool for an exceptionally difficult job.

Price **$3.75**

TWO POUND BRASS HAMMER



Brass makes an ideal soft hammer because it is long wearing, yet will not harm the work.

Price, as shown **$1.95**

MODEL A AND AA STEERING HOUSING BUSHING REMOVER AND REPLACER

This tool very satisfactorily handles the job indicated by its name. The outer ring of tool prevents buckling of bushing as it is being replaced.

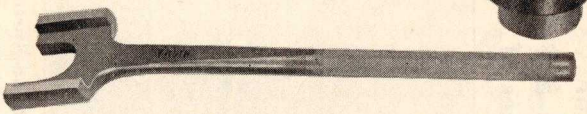
Price **$1.65**

MODEL A AND AA CAM NUT WRENCH

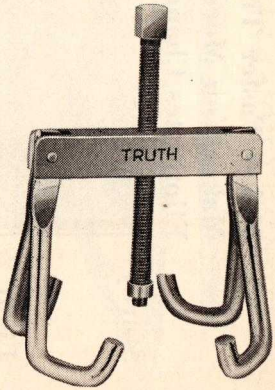
Size, 1¾"

The wrench is used with oil pan removed. Apply from below, then by turning crank the cam nut is tightened. A wrench that saves time on every job.

Price **$1.90**



MODEL A AND AA STEERING WHEEL PULLER



There has been much demand for a puller of this type that removes the wheel without harming it in any way. Gives a square and even pull.

Price **$4.75**

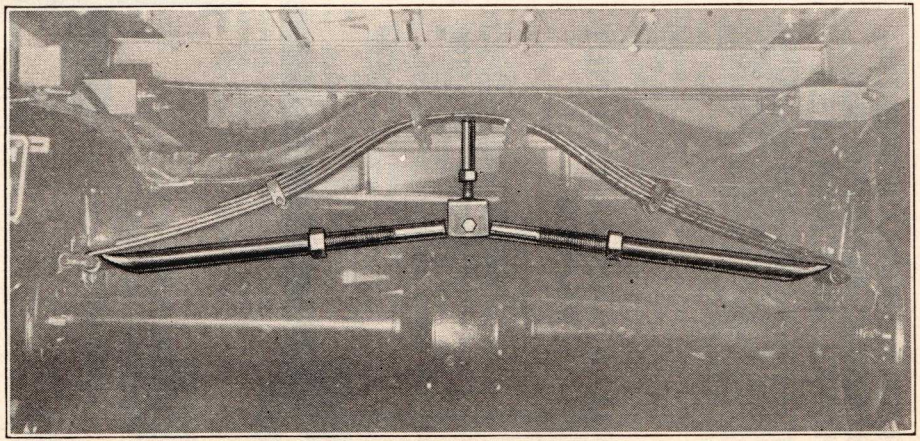
Makes Faster Time . . . .
Makes You More $ $ $ $
Eliminates Chances of Injury

Truth Front and Rear Spring Spreader . . .
for all Ford Cars and Trucks

Sturdy

Light Weight

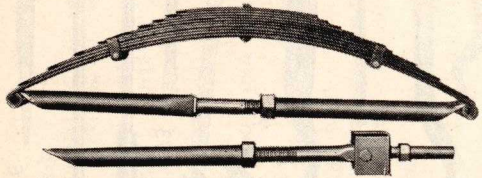
Easily Operated



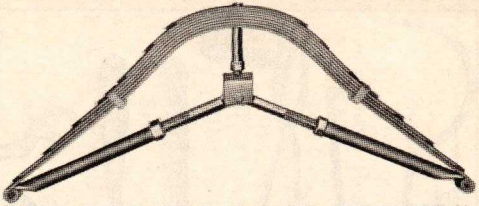
A Truth Front and Rear Spring Spreader means sure profit at flat rate prices. Why take chances?

TRUTH TOOL COMPANY
MANKATO MINNESOTA

Numerous repair operations make it necessary to remove the rear spring in Model A Fords—a very difficult job when proper equipment is not available. With the Truth Front and Rear Spring Spreader, the job is made easy and profit assured. The tool is so designed that no great strain applies to any part of it. This means tremendous pressure with ease of operation.



SPREADING FRONT SPRING



SPREADING REAR SPRING

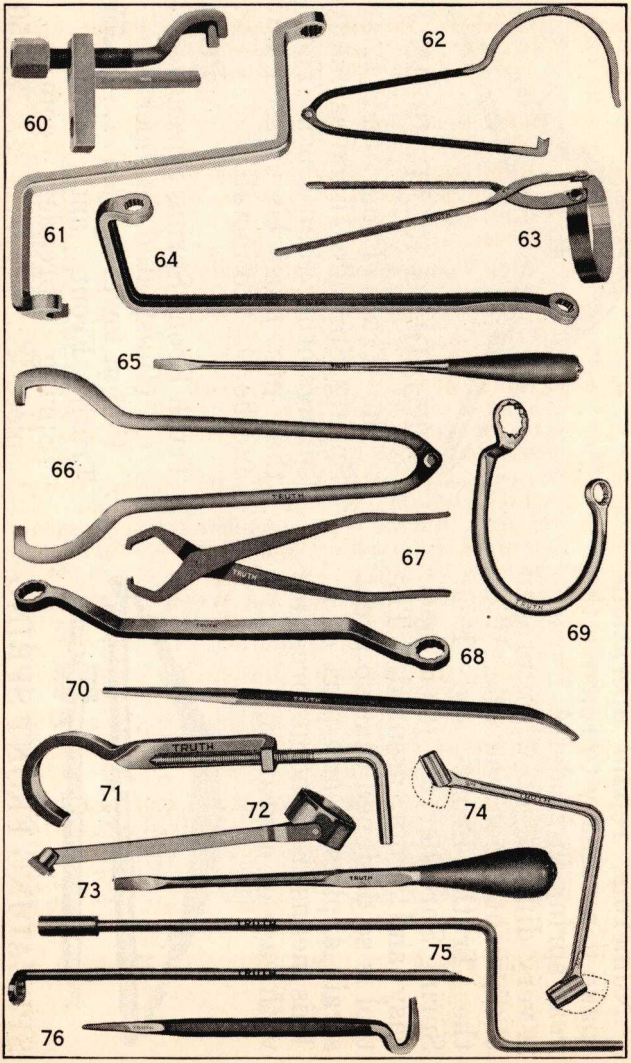
The Truth Front and Rear Spring Spreader handles many springs other than Ford. Those that just must be pressed out another ½″ to install.

Price

Truth Front Spring Spreader (Illustrated in operation at lower left) **$5.75**

Truth Front and Rear Spring Spreader, complete **$11.50**

SPECIAL GARAGE TOOLS
MANKATO MINNESOTA
COWDEN TRUTH TOOLS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SPECIAL GARAGE TOOLS

COWDEN TRUTH TOOLS

MANKATO MINNESOTA

No. 60. **Chevrolet Emergency Brake Rod Puller.** Used to free the frozen brake rods on all Chevrolet models up to and including '29 model.
Price **$2.75**

No. 61. **Buick Head Bolt Wrench.** For Models '28 and '29. Price **$2.00**

No. 62. **Ring Groove Cleaner.** This tool for cleaning carbon out of ring grooves is made in three sizes, 1/8" 3/16" and 1/4".
Price **$0.75**

No. 63. **Ring Compressor.** Detachable bands to fit any size piston upon request (specify length of band desired). Ring compressor with one band.
Price **$0.75**
Extra bands, each ..... **.20**

No. 64. **Buick 6 Head Bolt Wrench.** This wrench handles all Buick Head Bolts without removing rocker arm assembly except '28 and '29 models. Price **$2.00**

No. 65. **14" Leather Handle Bendix Screw Driver.** Round, highly polished, one piece tool steel blade. Handle is genuine sole leather washers pressed on shank making impossible for handle to slip. Price **$1.50**

No. 66. **Differential Adjusting Nut Wrench.** A double spanner wrench to get differential adjusting nuts where space is limited. Price.... **$1.00**

No. 67. **Truth 101 Wrench.** Designed to get water pump and oil pump nuts in close places.
Price **$1.50**

No. 68. **Chevrolet 4 Double End Main Bearing Wrench.** (Openings 13/16" and 7/8".) Price..... **$2.00**

No. 69. **Buick Steering Post Eccentric and Lock Nut Wrench.** Price **$2.00**

No. 70. **Truth Motor Jimmy.**

Size	Price	Size	Price
5/8"x14" length	**$1.60**	5/8"x24" length	**$2.00**
5/8"x20" length	**1.75**	3/4"x30" length	**3.00**

No. 71. **Chevrolet Drive Shaft Housing Holder.** An indispensable tool when entering the universal joint. Price **$1.25**

No. 72. **Model A Gas Gauge Wrench.** Price..... **1.45**

All prices subject to change without notice.

No. 73. **Square Shank Leather Handle Screw Drivers.**
14″ (length over all). Price.....**$1.95**
6″ (length over all). Price..... **1.00**

No. 74. **Truth Double End L Flex Socket.** Made in one size only, (½″x$\frac{9}{16}$″). Price.....**$1.85**

No. 75. **Hudson-Essex Brake Wrench.** Made for nuts on brake pull rods of older model Hudson and Essex cars. (Made in two parts to fit your tool chest.) Price.....**$1.75**

No. 76. **Drag Link Tool.** Ideal for job suggested by its name, also for shock absorber work.
Price **$1.25**

Post cards are placed in front and back of this book for your convenience in sending mail orders.

All shipments are by parcel post C. O. D. unless remittance in full accompanies order.

DETACH HERE

TRUTH TOOL CO., MANKATO, MINN.

Please fill my order for the following tools and ship at once parcel post C. O. D.

NAME OF TOOL	PRICE
TOTAL	

NAME _____

STREET _____

CITY _____ STATE _____

Postage prepaid only when remittance in full accompanies order.

CATALOG NO. 40, 1932

POST CARD

This Side for Address

PLACE

STAMP

HERE

TRUTH TOOL COMPANY

Mankato,

Minnesota

TRUTH
HAND-FORGED
TOOLS

MUST GIVE YOU
SERVICE

READ the guarantee—it protects your investment. Every *Truth Tool* is unconditionally guaranteed.

Any *Truth Tool* found to be defective will be replaced immediately without charge or argument.

Truth Tools will be redressed or reconditioned free of charge at any time.

Send tools for replacement or reconditioning direct to us by insured parcel post.

IMPORTANT

Truth Salesmen are not allowed to pick up Tools for replacement, redressing or to allow credit. All adjustments must be made from the home office.

TRUTH TOOL COMPANY
MANKATO, MINN.